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APR 20 1959

Carolina Farmer

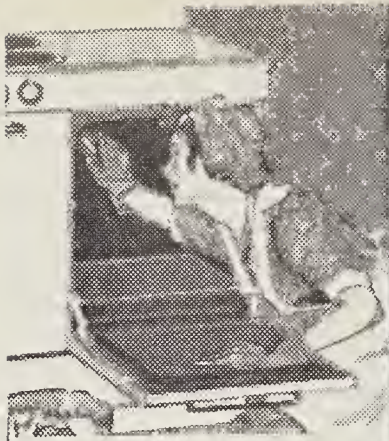
April, 1959

THE PARKER BRANCH STORY
research tale with a human ending

TWO NEW CONTESTS
and the winner of our washer

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CAROLINA'S RURAL ELECTRIC COOPERATIVES





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Without
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Slaving!**

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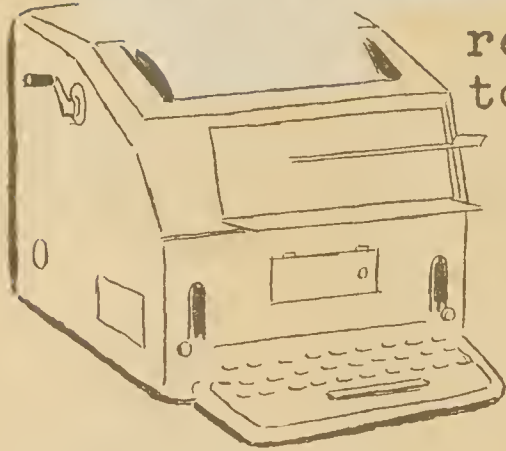


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			YADKINVILLE Yadkin Furniture Co.
			ZEBULON Whitley Furniture Co.

BRIEF



reports on events of importance
to rural electric co-op members

DUKE POWER COMPANY met with a temporary court injunction last month when it crossed the lines of Rutherford Electric Membership Corporation and barged 4,000 feet through traditional co-op territory in order to get its lines into a promising housing development. Rutherford Electric charged Duke violated its wholesale power contract which forbids duplication of facilities. (Rutherford,

with no alternative source of energy, buys all of its power wholesale from Duke.) The development, two miles northeast of Gastonia, is almost encircled by the co-op's lines, which come within about 700 feet of the nearest house.

FOUR COUNTY ELECTRIC Membership Corporation of Burgaw became the nation's first rural electric system to place its support behind a Silver Jubilee observance of REA's 25th birthday, which comes next year. National Rural Electric Cooperative Association presented plans for the observance at its annual meeting in Washington in February. At the final session of the Washington meeting, James A. Ward, secretary-treasurer of the Burgaw co-op, presented a check for \$1,000 to help support the celebration. The board of directors of Four County had previously approved the contribution based on 10 cents a member. Clyde Ellis, NRECA general manager, called the 25th anniversary a "once-in-a-lifetime" chance to work together to explain the goals and accomplishments of rural electrification to all of America. Four County has also received a number of other well-deserved back-pats recently. The co-op was among five groups given credit by Pender County Assistant Farm Agent W. T. Chaffin, Jr., for obtaining a \$3-million egg-buying business for the county. Chaffin called the egg-buying station "the biggest thing in agriculture in our section in a long time." It will buy 5,000 cases of eggs a week from farmers in a 10-county area. The linemen of Four County also received the official praise of the Pender Poultry Cooperative for their work during heavy wind and sleet storms. The poultry co-op's executive committee passed a resolution thanking the linemen for "essential and outstanding service" and noted that "constant dependable electric service prevented extensive monetary loss" to Pender County poultrymen.

SUPREME COURT has unanimously ruled that beer and liquor distributors cannot deduct from their income taxes the cost of advertising used to influence legislation. The court said that the companies "are simply being required to pay for those activities entirely out of their own pockets, as everyone else engaging in similar activities is required to do." Power companies have challenged a similar Internal Revenue ruling regarding their propaganda ads, and it's assumed that the liquor decision would be applied should the power company issue ever get as far as the Supreme Court.



the Carolina Farmer

Volume 14

April, 1959

Number 4

Dear Reader:

SOME OF THESE PEOPLE of the commercial power companies have indisputable charm, and most of them are socially acceptable, so I'll assume that in their private lives they are honorable at all cost. But when they put on their corporate clothing, they often seem to act as gentlemen only as long as it meets the test of their business: Is it profitable?

Having observed this curious double standard of honor for some time, I was not anguished (except for the non-corporate soul of the blasphemer) when I read a power company advertisement which used a picture of the Holy Bible and the Bill of Rights to peddle a most unholy message. Without surprise, I listened to a familiar story of double-cross as a co-op manager complained: "But we had a contract. I expected them to act like gentlemen. To keep their word."

BUT THE SPIRIT GOT A LITTLE ANGUISHED during a trip to State College to attend a symposium entitled "A New Mission for Electricity in Agriculture." It turned out that not everybody on the program had the same mission. Thirty of the 76 people attending, and one of the speakers, were directors or employees of rural electric cooperatives. They had to suffer through the bad taste of a charming power company vice president departing from his assigned topic long enough to take a dig at the REA interest rate and the tax status of co-operatives. The co-op people were invited there to join hands with the power companies, manufacturers, scientists, and educators, in a mission that had nothing to do with the separate philosophies of the companies and co-ops. The mission—to make the miracle of electricity more useful to farmers—is one which the power companies and the cooperatives surely share. And they should be grateful to State College for offering a forum to discuss it.

ACCOMPLISHMENT OF THE MISSION would meet the objective of the power companies for ever greater profits from their customers, and the objective of the co-ops for ever greater service to their members. Therefore, it was surprising even to me to hear the power company vice president give an alien wedge into the meeting. But for the desire of the cooperative people there to see the mission accomplished, the discussion could have ended in a debate on 2% interest and co-op taxation.

J. C. Brown, Jr.

Editor

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EMC's organize for generation and transmission

ABOUT THE COVER—There's nothing unusual about a boy driving cows from the barn to the pasture, unless the boy happens to be Carlos Sluder of Buncombe County's Parker Branch. Five years ago, there wasn't a pasture on the Sluder farm, and Carlos's father, a member of French Broad Electric Membership Corporation, admits, "I didn't believe any amount of money could make anything out of that land." TVA and State College helped prove differently.



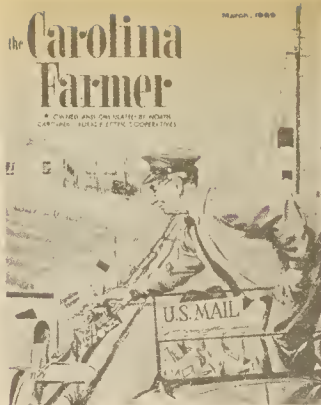
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Paid Circulation
this month
160,200
rural North
Carolina families

MAIL



BOX

Our Floral Puzzle

I believe you're wrong on both counts concerning whether the flower on the cover of the January issue is a magnolia or a camellia. It is a gardenia. The waxy petals that roll a bit downward on the outer petals are typical. The size of the leaf (in comparison to the bloom) and its deep veining are more evidence. The cup in the center curls into a whirlwind effect. This I have seen hundreds of times in my fragrant cape jasmine.

I, therefore, believe it is a gardenia — but anyway, it's lovely.

Mrs. Ruby P. Shackelford
Wilson, Route 2

Regarding the flower on the January cover of the *Carolina Farmer*:

The leaves are definitely those of a camellia. The leaves of a magnolia are more elongated, but with the same heavy texture and veining. The flower resembles a rose, but the unopened center with stamens (the dark marks) showing between the leaves is common to the camellia. However, roses have same characteristics in some varieties, but if the picture was made from an original flower and leaves, I am inclined to believe it is a semi-double camellia. If it is a painting, however, it could be a little of each.

The flower is not a magnolia, unless it is a variety I have never seen. I searched the flower books, but failed to find anything similar.

In the World Book Encyclopedia a gardenia is shown that resembles the cover flower, but the leaves show up as those of a gardenia and the ones of your cover, a camellia. The book says that a gardenia is often mistaken for a camellia, so I still contend that if this is a picture from an original flower, it is a variety of camellia. There are innumerable varieties on the market and single, semi-double and double types. I have seen some resembling a big rose.

Mrs. W. W. Brunson
Orangeburg, S. C.

I would love to have a small camellia plant like the one on the front page of the *Carolina Farmer*. Can you tell me who grows them for sale?

Mrs. Calvin Swain
Elizabeth City, Route 4

THE CAROLINA FARMER

MORE WATER

the Rapidayton DOLPHIN* SUBMERSIBLE

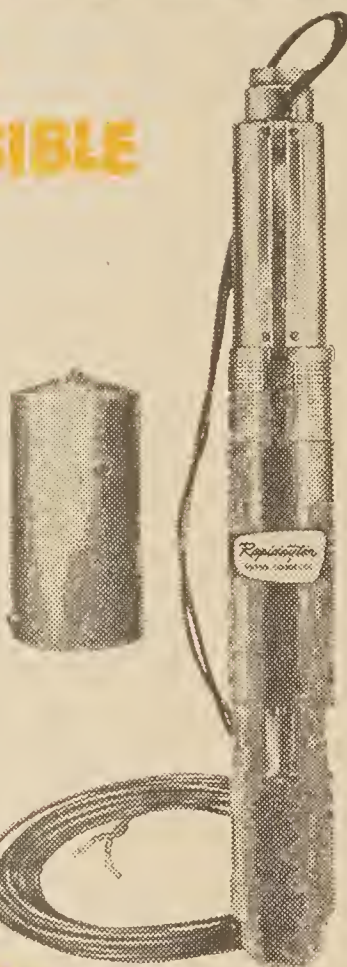
- A pump you can't see or hear
- can't freeze • never needs oil
- gives more water, more pressure

The pump of the future—today. A pump that will supply more water, in more places, and under much greater pressure—to meet all needs or the most modern farm. The Rapidayton Dolphin* submersible goes down into the well, where it operates completely submersed. Easy to install. For shallow or deep wells to 500 ft. Fully automatic, rugged, dependable. Priced low—in same range as deluxe jet pumps. Gives more water for your dollar. See it at your dealer's or rush coupon for free booklet.



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The Rapidayton Convertible Champion has the same outstanding high quality construction as the Dolphin. It is a single-stage system which can be converted from a shallow well to one 80 feet deep without additional pump parts. Capacities to 740 g.p.h. Meets FHA requirements. See it at your dealer's.



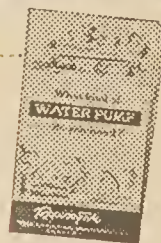
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Rapidayton Division, Tait Manufacturing Company

Established 1908 as Dayton Pump and Manufacturing Co.

Rural Sales Dept. 629, Dayton 1, Ohio

Please rush valuable book, "What Kind of Water Pump Do You Need?"



NAME _____

ADDRESS OR RFD _____

CITY _____ COUNTY _____ STATE _____

be sure it's a *Rapidayton*

*TRADEMARK (PAT. PENDING ON DOLPHIN)

Looks like you'll have to settle for a gardenia plant; at this counting, most of the readers who have sent in their votes agree that the flower is a gardenia, not a magnolia or camellia.—EDITOR.

The January issue of the *Carolina Farmer* is the first one I have received as we are new members of Blue Ridge Electric. We find it very enjoyable.

Mrs. Brendan L. Doll
Patterson

Sheep Shearing

Sometime last spring you carried a picture of sheep shearing. I have misplaced my copy and would appreciate it if you would send me another copy. I want to use it in teaching a lesson on winter coats to my second grade class in the Little Richmond School, Surry County.

Miss Esther Edmonds.
Dobson

We carried sheep shearing stories in both the January, 1956, and January, 1958, issues of the *Carolina Farmer*.—EDITOR.

Ravenwood

Your article on Ravenwood (*CF*, January) was very well done. I have received a number of letters from people who have read it. All comments were surprisingly favorable, too.

Come to see Ravenwood in the summer. Everything looks much better then.

Charles L. Davis
Pollocksville

On Cleanliness

After reading "Critical Reader's" letter in the February issue, I could have almost sworn that it was written by my husband. What she wrote is 100 per cent correct but there is just one thing wrong with it all and that is that most human beings just aren't geared that way—and education hasn't a thing to do with it. You either have it or you don't have it.

When I married this germ-conscious man of mine, I was just a common ordinary clean person, but not any more. It took me about 10 years to get trained but I am sure it will stick throughout my lifetime. I never was as nasty as some people are according to "Critical's" letter, but I would say I was just normal. I had a terrific time remembering to set nothing on the table unless it was clean. I remember some neighbors coming to see me one night years ago and the man setting the lantern (which they also used out in the barn at milking time) on the table.

I used to tell my husband that there
(Continued on Page 32)



In the OPINION of

FRANCIS B. SAYRE, JR.

Dean, Washington Cathedral

Electric Cooperatives are a Witness to Democracy

□ Several months ago I stood in a lovely little valley of China: about 50 miles from the city of Hong Kong where East faces West across a little winding stream running through the rice paddies. Nothing could be more peaceful than the stillness of gentle hills and the farmers about their business in the quiet fields. The border is marked by a wooden bridge across the stream. On the bridge, a plain sawhorse marks the place where the world is cleft in twain.

The bridge is guarded by Chinese on either side. On the British side they wear blue and carry pistols. On the Communist side they wear khaki and carry rifles. And the tragic truth of all mankind seemed to be pantomimed by those guards: men of the same race and blood, yet unable, because of the difference in dialects, to speak to each other—but only to stare dumbly and in enmity at one another. Human hostility in a valley which God had planted with peace. Such is the sorry state of our world today.

Now there are others, as we all know, on the other side of that Chinese fence who have seized upon electricity as an instrument of power in the brutal arsenal of absolute control. Electricity in itself is neither good nor bad. In the hands of an irresponsible government, or even of some avaricious private power-combine, it can be used for devastating oppression. This is when the people blow up the dams, preferring darkness at their lamps to slavery in their souls.

But when people take this power into their own hands: dig the post holes and string the wires and share the electricity as a trust that God gives them in common, then the ramparts are bridged, and understanding begins to grow, and there

is healing in the world. I do not know of any movement of people anywhere that is capable of giving more realistic hope to other people than this cooperative movement of yours. In it I have seen every kind of barrier torn down, and people of every religion, race and economic standing joining together to bear a witness that is like living water to a thirsty world. What could be more important than that, either to them or to us!

We can with truth proclaim that Democracy is Faith plus electricity. When those two precious commodities are put together, then you have the stuff of which freedom is made. After all, it was God who first put body and spirit together to make man in God's own image. And is this not the glory of your cooperative association? With courage of the spirit and the workday force of electricity you have forged a power for life that is the strength of our nation and the hope of mankind everywhere.

If others in the world could know what you are doing in the rural electric cooperatives, I think they would take it as a sign of our faith: For we are a people on this continent who really care about the marginal areas of our land, and the lesser fellows who are obliged to live on it, and the women and children who look to it for nourishment. The homeliness of our life is not the fat complacency of the tourist seen abroad, but rather the sturdy honest plainness of a face like that of Abraham Lincoln, who suffered and fought and died lest this country be divided.

You men and women of the cooperatives are called upon to show us all how to hold it together, with faith and hard work.

EDITOR'S NOTE: The above opinion was extracted from the Episcopal Dean's address to the 17th Annual Meeting of the National Rural Electric Cooperative Association in February. Rev. Sayre's topic was "Power for Life."

"I would like to have hot water in my home because..."

Finish this sentence in 100 words or less.
Mail your answer with the coupon below.

Grand Prize...

An Electric Water Heater sized to meet your needs (44 to 66 gallons capacity, you select the brand from those listed on this page) and **Free Installation** (the labor and materials required to connect the water heater to the wiring and running water systems in your house)

3 Runner-Up Prizes...

Electric Water Heaters for the 2nd, 3rd, and 4th place entries sized to meet the needs (44 to 66 gallons capacity, brand selected by judges from those listed on this page)

FOLLOW THESE SIMPLE RULES:

1. Any electric co-op member who does not now have an electric water heater may enter.
2. Fill out the coupon below and attach it to your entry.
3. On a separate sheet of paper finish in 100 words or less the sentence, "I would like to have hot water in my home because..." Attach your answer to your coupon and mail both to the Carolina Farmer postmarked no later than midnight, Sunday, May 31, 1959.
4. Entries will be judged on sincerity and originality. The Grand Prize winner must agree to have his water heater installed by June 5, 1959. The Runner-Up winners must agree to have their water heaters installed by June 30, 1959.

ENTER NOW!

Contest Closes Sunday, May 31, 1959



Select the water heater you would like to have from these brands:

**FRIGIDAIRE
GENERAL ELECTRIC
HOTPOINT
WESTINGHOUSE**

A Tarheel Plan Feature



To: **FREE WATER HEATER**
The Carolina Farmer
Box 1699, Raleigh, N. C.

I do not have an electric water heater in my home, but I would like to have hot water in my home because of the reasons given in my attached entry. If I win, I agree to be interviewed for a story to appear in the Carolina Farmer.

I select the following brand of water heater: _____

(Select either Frigidaire, General Electric, Hotpoint, or Westinghouse.)

My Co-op is _____ Electric Membership Corporation

My Name is _____ My Address is _____

the Parker Branch Story

■ Mark Sluder nailed a length of rough pine siding to the frame of his new calf barn and came down off the ladder.

He pointed across a small valley to a hillside of thick, green alfalfa. "Three years ago, you couldn't grow a pea on that land!" he exclaimed in the wondering tone of a man trying to comprehend a miracle. "I didn't believe any amount of money could make anything out of it. "They showed it could."

They, so far as Sluder is concerned, are a Connecticut Yankee named Art Coutu, who came into Sluder's neighborhood six years ago asking questions and stayed around long enough to answer some, and Bob Ray, a Madison County native who followed Coutu and is still there.

Sluder is one of 45 land-owners who live within a 1,000-acre watershed nine miles northwest of Asheville. The area is known as Parker Branch, after a stream that drains the hillside farms. Until 1956, Parker Branch was typical of thousands of other watersheds which get rid of rain that the soil can't absorb by shedding it into the streams of the Tennessee Valley.

When the watershed land loses its vegetation, the fields become well-sealed funnels, pouring millions of gallons of water and tons of soil into creeks, thence into minor rivers and reservoirs, to spill eventually into the Tennessee, Ohio, and

(Continued on next Page)

Mark Sluder and son Carlos look at land that wouldn't grow a pea five years ago.

By J. C. BROWN, JR.

Along the lines of French Broad EMC, a research project with a human result

Only 74 acres of Parker Branch can be considered bottom land crop sites, and the watershed farmers must look to the hillsides for most of their income. As recently as three years ago, many of the hills looked like this. Mark Sluder recalled, "You could hide your car in the gullies." Field agents for the TVA-State College project encouraged farmers to weigh the cost of reclaiming such land against the income it would produce. If it would pay to reclaim it, the sponsors provided economic assistance to get the job done quickly.



Mississippi Rivers and cause major floods. Repeated without remedy, the land becomes eroded, the floods bigger, the nation poorer.

For farmers like Sluder, the end of the story has been summed up during most of America's history in the familiar image of an abandoned plow plunged into the raw, red ribs of a hillside. But the problem to the nation doesn't end when the farmer abandons his land. Untended and unhealed, the land becomes a bigger flood threat than ever.

The cash crops that the mountain farmer has grown on hillsides for years are usually row crops that do a poor job of holding the soil. Traditionally, the nation has tried to solve the problem with programs aimed directly at land conservation—to stop erosion and slow down water runoff by removing row crops from hills, reforestation, terracing, and other measures. Unfortunately, this holds little appeal to the small farmer

who faces an immediate loss of income when he removes land from the production of cash crops.

SIX YEARS AGO, the Tennessee Valley Authority and N. C. State College began a research project to determine what would happen to the soil and water of a watershed if increased income, rather than conservation, was made the goal. The sponsors hoped to find that if farmers used their land for the highest possible income, losses of soil and water would be greatly reduced. The theory assumed that traditional mountain enterprises and farm management practices weren't the best possible income producers.

To test the theory, TVA and State College selected Parker Branch because it had the necessary physical characteristics (eroded watershed land, much of it abandoned); the farmers had the economic characteristics (low farm income

supplemented by off-farm work); and the people of the watershed wanted the project carried out there.

The project involves many scientists behind the scenes; but for the most part, the people of Parker Branch associate it with Coutu, who was the field staff from State College's Department of Agricultural Economics for 2½ years. Coutu returned to State College in September, 1957, to assume responsibility for the farm management phases of the work being conducted in the Department of Agricultural Economics, and Ray took over the field work.

It has been the job of the field worker to provide the farmers with the technical and economic information they need in order to get the most income from their land and other resources.

Before the start of the project, most farmers saw no alternatives to their traditional enterprises and no ways to increase their farm incomes. The econo



Most of the people of Parker Branch are part-time farmers. One of them is Hoyle Bridges who works the 3 'til 11 shift at Enka. When he's away, his oldest son, Roger (left) runs the dairy farm. He's one of nine children, of which six live at home. Recalling the changes since the beginning of the project, Roger reports that they now have some land in pasture that they didn't think was "fit for anything," and they improved their dairy herd by getting rid of cull cows. At the beginning of the project, total farm income for 47 families was less than \$13,000 a year. In 1958, it was more than \$53,000. Income from non-farm sources remained at about \$146,000.

A. R. McGuire is a retired salesman who lives in Asheville and works his 32-acre farm through a share-crop arrangement. He is a member of a committee of Parker Branch farmers which works with State College and TVA on matters relating to the project. According to McGuire, "they don't try to tell us what to grow. We decide what, they help us." Before the project started, McGuire's farm depended completely on tobacco for income. He tried beef cattle but failed because he had no hay or land that he thought would produce it. Since then he has put a good part of his fields in alfalfa. McGuire, like Sluder, Bridges, and most of the other farmers of Parker Branch, is a member of French Broad Electric Membership Corporation of Marshall.



mists, working with 47 families individually, got them to set income goals, and then select the best of several ways to reach them.

"We tried to acquaint them with the financial consequences of a given course of action," Coutu explained, "but we left the decisions to them."

Normally, the changes made by Parker Branch farmers would have taken 20 years, but TVA and State College didn't want to wait so long for the answers. They tried to get all changes made in two years (the second, or "action," phase). To accomplish this, the sponsors provided assistance in clearing and reclaiming land, and buying seed and fertilizer. But help was provided only for those changes that it would have paid the farmer to make.

The 10-year study is now in its final period. The first 28 months were devoted to measuring conditions as they existed,

and to the development of plans for the future.

The second phase began in 1956 and ended a year ago. It was a time of change—changing of land use, farm practices, and enterprises, to give farmers maximum net income.

The final phase, to be completed in 1962, will evaluate the effect of the changes on soil, water, and the people, and determine what would have occurred under the traditional conservation programs. The economists will also compare the costs to the public and the individual farmers of the new and old conservation approaches.

THE PROJECT already shows encouraging results from the standpoint of human resources. During the initial phase of the project, annual net farm income for all full and part-time farmers in Parker Branch totaled only \$12,310.

In 1958, it was more than \$53,000, and when these families make all of the changes they plan to, it should move up to about \$65,000.

While the agricultural economists were measuring the human and agricultural resources during the initial period, TVA was measuring soil and water runoff, or "hydrology." They built a weir, or dam, on the branch to measure rate of water discharge, amount of sediment suspended in the stream, and the stream flow.

The name branch suggests a gentle stream of water, but after a rainstorm, Parker Branch roars like a tiger. During the first stage of the project, one intense rainstorm produced a discharge of 250,000 gallons of water a minute through the weir. From 1953 to 1957, the basin became so filled with sediment that it had to be cleared with a dragline seven times.

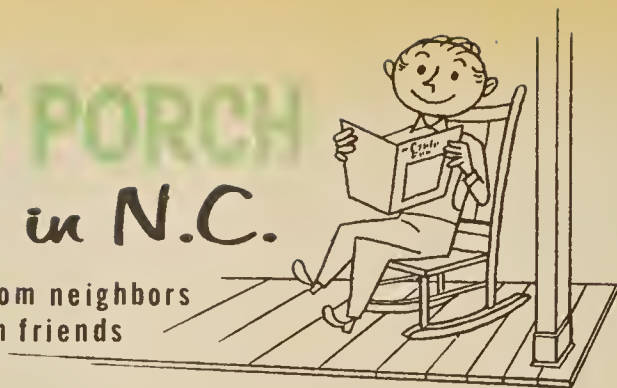
(Continued on Page 30)



With higher farm income as the goal, traditional conservation rules for land use were put to the test: "What will it cost the farmer to follow them? What will it pay him to break them?" The project is now in its final phase—the summing up. The agricultural scientists hope to find that when higher farm income is made the goal, soil and water conservation result.

the FRONT PORCH of Farming in N.C.

Some inspiration from neighbors
and advice from friends



Lamps for lambs

W. A. Dellinger of Avery County has some advice about using heat lamps for lambs. He says they are helpful at lambing time, but once the lambs are dry, the lamps should be removed. The lambs like the heat from the lamps so much, they'll stick around them when they should be nursing.

Dellinger recommends using the lamps for the first 12 hours after the lambs are born, and then taking them away if the animals are in a protected building.

More from less

B. T. Blalock of Durham, Route 1, had been getting 30 eggs a day from 150 hens. He culled his flock down to only 45 hens and found that he was still getting 30 eggs per day. Two-thirds of his flock hadn't been laying, just eating.

To buy or raise?

The question of raising or buying replacement heifers must be settled by the individual farmer, and the New Jersey Experiment Station has come up with some cost figures that may help him. According to a study made on 50 farms in New Jersey, the cost of raising a dairy heifer is \$338. The 15 highest cost farms raised a heifer for \$380, while the 15 lowest cost farms raised them for \$298 each. Feed accounted for 61% of the cost.

Too high to buy

Mountain farmland runs pretty expensive—too high for J. D. Southard of Macon County, even though he needed more land for pasture. He solved his problem by hiring a bulldozer to clear away huge rocks in a five-acre tract he owned. The newly-cleared land, once deemed useless, is about the best on his farm. Bryan Anders, assistant county agent, believes rock clearing would be profitable in many other places in the mountains.

Member of the family

Herman Hogsed of Dunn's Rock in Transylvania County considers his milk cow part of the family. She's been with the Hogseds for 14 years, providing enough milk and butter for the family plus some for friends. Hogsed bought the

cow when she was 6 years old; at 20, she's still a good provider.

Pretty chicken house

Ray Mills of Apex, Route 2, says a farm building doesn't have to be ugly to be useful. Recently he built a 40-by-200-foot laying house 60 yards from his home. To keep it from detracting from his residence, he painted it white and planted roses, to be trained on a trellis, between home and chicken house.

Automation in Person

Person County Assistant Farm Agent T. N. Hobgood, Jr., reports that poultrymen in his county are rapidly turning to electricity for their labor. John Hester of Olive Hill, who has been keeping layers for several years, recently installed bulk bins and automatic feeders in his two laying houses, thereby relieving him of hand-feeding.

Out of the mud

Now that farmers are pretty well "out of the mud," they're doing something about getting their stock out of it. Up in Davidson County, according to Assistant Farm Agent W. W. Johnson, dairymen are convinced that concrete paving is the only way to improve the area around lounging barns. Most have tried sand and rock without success.

Beware of Georgia Reds

Dr. L. W. Nielson, plant pathologist at the N. C. Agricultural Experiment Station, warns sweet potato growers to beware of the Georgia Red variety, especially if the seed stock comes from central or south Georgia. Bedding stock of the variety is likely to be contaminated with a newly discovered, and highly destructive, virus. If you plan to grow the variety, be sure it comes from north Georgia and is Certified.

Clean hog water

V. S. Covil of Burgaw says the way to keep hogs from drinking water out of mudholes is to provide them with water fountains when they are little. Then move the fountain from pasture to pasture with them when they are larger. They'll pass up the stagnant water for fresh every time.

The Joke's on Me!

By Mrs. Sarah Preslar
Norwood, Route 1
(Pee Dee EMC)

(Each month the Carolina Farmer pays \$5 to the reader who supplies the best true family story about himself. Send entries to "Joke," Carolina Farmer, Box 1699, Raleigh, N. C.)

During the war years when everyone was trying to get the most of the dollar, I saw an ad in the paper, "Ladies Shoes half-soled for \$1." The regular price was \$2.

The next day, my day off from the plant, I carried my work shoes to be half-soled. They were size 8½ E. After spending most of the day window-shopping, I went back for my shoes and handed the cobbler \$1.

"That will be \$2, madam," he said. "Your ad said it would be just \$1," I protested.

"That was for ladies' shoes, ma'am," he replied.

I paid him the other \$1 and left without a word.

Well-Said

By J. W. Bowers
Tennessee Valley News

"It is predicted that during the year 1959, private utilities will spend about \$5 billion for some 14,400,000 kw of new capacity that will be brought into service. With this tremendous expansion program, it is hard to understand why the utilities continue to claim the federal government and public power are putting them out of business."

By Walter Reuther
United Auto Workers

"As a nation, we need to learn to live with economic abundance . . . We can learn to manage abundance only as we learn to share it."

By the Greensboro Daily News

Rarely is the consuming public organized so as to present its side. That is where the Utilities Commission has the obligation to go behind figures presented [by the utilities] and make its own objective study for guidance in a decision which consumers have to accept whether they like it or not.

Unloading THE OVERLOAD

By C. L. OVERMAN

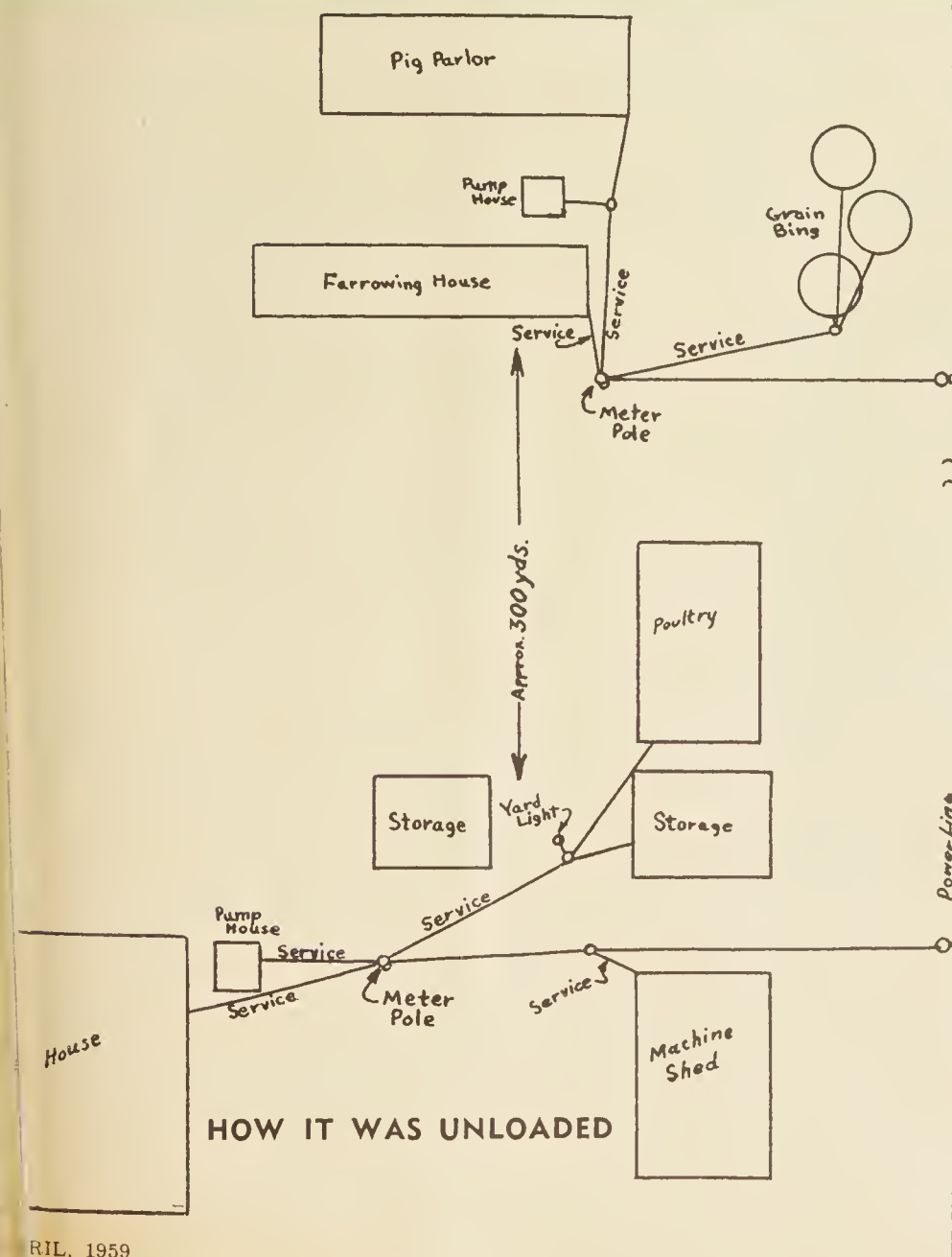
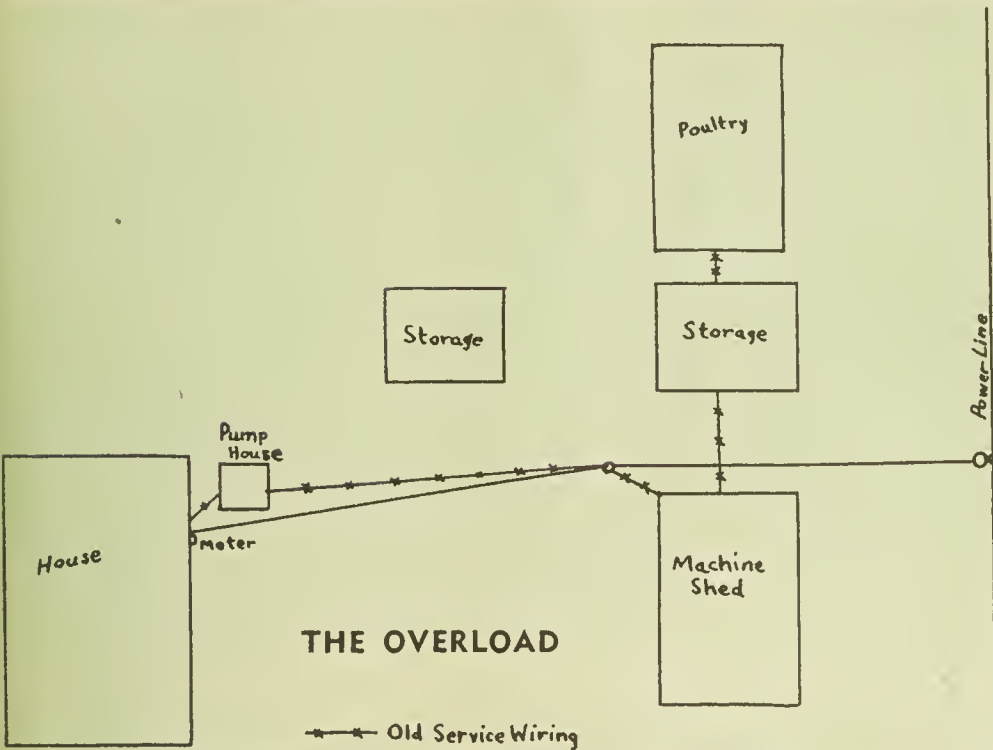
J. A. Everette of Palmyra had just about all the problems inadequate wiring can produce. The range and water heater heated neither as fast nor as hot as they should, the lights dimmed or went completely out whenever the water pump started, and the motors on electric farm equipment ran lazily.

"Everything was so overloaded that fuses were blowing every time I turned my back. I have no idea how much power I was losing through that old wiring," is the way Everette described the situation at his home before he called on his electric cooperative, Halifax Electric Membership Corporation, in early 1955 for help.

James Ellen, Halifax's electrification advisor, answered the call and sat down with Everette to plan his rewiring. Low voltage from under-sized wires was the main problem. One 60-ampere switchbox, located in the house, connected the entire farm with electric power. Even the wires carrying electricity to the box were overloaded by the 1,142 KWH per month the Everettes were using. The electrical load in the house alone (refrigerator, range, water heater, clothes washer, television set, and various small appliances) was too much for the one 60-ampere switchbox. The Everettes had simply outgrown their wiring system.

Ellen and Everette decided on a meter pole system. This system allowed them to pull separate service wires from a centrally-located meter pole to each of the farm buildings and the house. Four services re-

(Continued next page)



J. A. Everette (left), member, and James Ellen, electrification advisor, Halifax Electric Membership Corporation, inspect meter pole system.

for Mother's Day

THE APPLIANCE
that gives more time
and family fun....

SPECIAL
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AUTOMATIC WATERLESS COOKER

with
heat control



prepares a
complete meal
automatically

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AND RACK

Mother can prepare the entire family meal in this Automatic Waterless Cooker by West Bend. Highly versatile appliance roasts, simmer cooks, french fries, braises, keeps foods serving hot... automatically! Self basting cover retains natural food values... makes meals taste better. 5 quart capacity. Completely immersible.

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12-24, 20-50, 24-72 cup sizes



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Dept. 324, West Bend, Wisconsin



Everette and Ellen and new pump house in the pig housing area. Underground cable on the pole (right) furnishes power to the pump exclusively.

UNLOADING THE OVERLOAD

(Continued from page 13)

sulted: one to the house, one to the machine shed, one to the poultry house and an adjoining building, and one to the water pump. The wires in these services were sized according to the electrical loads they would carry, both for present and future equipment. Everette wound up with four planned services to do a job one single service had been unable to do.

Each building was rewired according to the amount of power the equipment in it would need. The rewiring called for a switchbox in every building, planned for both present and future needs. In the house, the old 60-ampere switchbox was supplemented with a new 60-ampere box. The two boxes gave the Everettes a total of 120-amperes capacity, more than enough for the appliances on hand. The extra capacity of the two boxes has since been used for the addition of a 20-cubic-foot freezer, an air conditioner, and a clothes dryer.

The new wiring system on the Everette farm provides greater safety than was possible with the old system. With the water pump on a separate service from the other buildings, Everette now has the assurance that should fire break out somewhere he will have water. The larger wires and individual switchboxes are safe and enable him to get electric power where he needs it without a voltage drop or power loss, and his equipment and appliances to do the jobs for which he bought them.

Everette is sold on good wiring after

seeing what rewiring did for him. When he built his new farrowing house and pig parlor, he again called on his cooperative for help in planning. Located some distance from the house and main lot, the pig housing required a second meter pole. The farrowing house, parlor, water system, and grain bins there each has its own electric service and there's room for more to accommodate future expansion.

The Everettes expect to build a new house in the near future. With the type of planning he has already put in wiring, it's safe to bet that the wiring in the new home will provide the power he needs to run the appliances in it.



"Well, then," call an electrician and tell him to PUT an outlet in the farrowing house!"

THE CAROLINA FARMER

THE WINNER

By REBEKAH RIVERS

"My daughter told me to smile when you took my picture, but it seems that all I can manage is the grin of a winner." And Troy A. Williams, veteran Union Electric Membership Corporation member, gave the photographer a toothy one as he patted the new electric washer he had just won in the *Carolina Farmer's* washer-dryer contest (*CF*, January).

Winner Williams (Rt. 2, Monroe) is no novice at entering contests. In fact, when he was notified that he had won a prize, he was not sure at the time whether it was an automobile (a drawing sponsored by a local dealer), a houseful of furniture (also a local drawing), or the *Carolina Farmer's* washing machine.

"Course I should have known immediately that it would be a prize connected with electric co-ops," he mused, "for the only other prizes I've won were at two Union Electric annual meetings. I won an iron and a radio at those."

On the day of the lucky drawing, Mrs. Williams was in the Monroe hospital with a heart condition, which has made housework impossible for her during the past four years. During this time, Mr. Williams, a retired farmer, has been helping with the housework, under his wife's careful supervision. "Now I can do the washing," he said as he examined his fully-automatic elec-



Union EMC Manager Earl Hayworth and winner Troy Williams with prize.

tric washer. "My wife will just have to sort the clothes for me. And won't this pretty new machine cheer her up when she comes home from the hospital in the next few days."

M. L. Holloway, partner in the Holloway Music Store in Monroe and the appliance dealer who signed the winning cou-

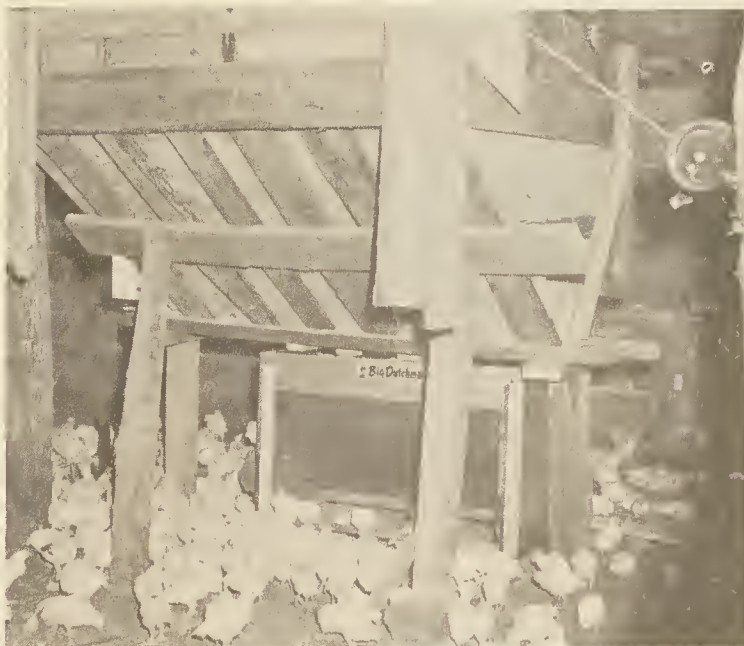
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NC POULTRYMEN PREFER Big Dutchman

**"Saves Hours
Every Day Over
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**Say Roe and Delaney Woody
of Bakersville, N. C.**

The Woodys, father and son, have a new 2-story broiler house completely equipped with 2 Big Dutchman Automatic Feeders, Suspend-O-Matic Waterers. "Folks with hand feeders will take 2 or 3 hours where I'm all done in just a few minutes," says Delaney Woody. "I couldn't handle this house without Big Dutchman."



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ANCHOR SERUM COMPANY

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Charlotte, N. C.

Phone EX 9-3031

Big Dutchman—The leader in Poultry House Automation

THE WINNER

(Continued from Page 15)

pon, was almost as pleased as the winner when he uncartered the prize appliance. "I'm so happy one of our own folks won," he said. "Our family firm is the oldest electric appliance firm in Monroe. We began selling electric appliances to the people in this area in 1920." The firm began as a music store in 1912 and has kept the "music" in its name.

(Under the terms of the drawing, applicants had to take their coupons for signatures of dealers selling either Frigidaire, General Electric, Hotpoint, Philco, or Westinghouse, the five appliance brands

co-sponsoring the drawing with the *Carolina Farmer*. The Holloways are Frigidaire dealers.)

Mr. Williams is a charter member of the Union Electric Membership Corporation, and hasn't missed an annual meeting in the cooperative's 20-year-history. "The first thing I wanted after electric lights," he told Union EMC manager R. E. Hayworth, "was a water pump. I got the lights in November, 1939, and installed my water pump in February, 1940."

"Rural electrification is one of the fin-
(Continued on Page 30)

AROUND THE HOUSE

Electrical tips to help the home handyman—and woman, too

By C. L. Overman
Agricultural Engineer



Buying a Water Heater?

If you are planning to buy an electric water heater, the following hints will help you decide which one to buy and how to have it installed.

Plan your water heater purchase with heavy usage, such as clothes washing, in mind. Such planning will prevent you from running out of hot water at inconvenient times.

You can get the amount of hot water your family needs in two ways: by using a standard water heater of enough capacity or a quick-recovery water heater. The quick-recovery heater is made in a 40-gallon size only but has large heating elements, which enable it to heat water quickly. The 40-gallon quick-recovery heater is about equal to an 80-gallon standard one in capacity.

The 40-gallon standard water heater is the smallest one recommended for any home. For families of three to five members, a 66-to 80-gallon standard or 40-gallon quick-recovery should provide enough hot water. Larger families should consider the 80-to 100-gallon range of standard heaters.

Regardless of the size or type of water heater you buy, the cost of heating your water will be about the same.

Pipes

Whenever you turn off a hot water spigot, some hot water is left standing in the pipe. The heat from this standing water is lost.

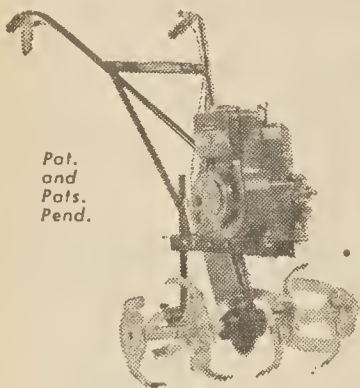
You can reduce your heat losses by using smaller pipe. For example, a 1/2-inch pipe holds four times as much water as a 1/4-inch pipe. If you use 1/4-inch copper pipe for your hot water lines, you will reduce the amount of heat you lose by 1/4. However, your water pressure must be at least 40 pounds for this small-pipe system to be satisfactory.

Wiring

A standard electric water heater requires No. 10 wire. The quick-recovery unit requires No. 8 or No. 6 wire because of its higher wattage.

The water heater should be fused according to its wattage. Insist that your electrician ground the water heater tank to the neutral terminal in your switchbox with No. 6 bare copper wire.

BIGGEST CHOICE! FOR EVERY GARDEN NEED



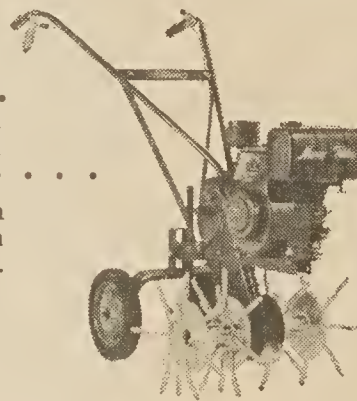
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and
Pats.
Pend.

SCOTSMAN—2½ H. P.

Power-packed and easy to use—ideal for small gardens. Lowest cost tiller in high performance class.

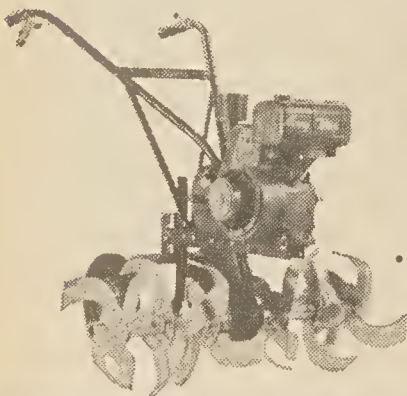
MULTI-PURPOSE 3 H. P. SUBURBAN

Extra power for farm and garden. Aluminum engine, adjustable rear wheels. Combines with all rotors and attachments.



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Ideal for toughest jobs, with heavy-duty 3 h. p. cast-iron engine. Prepares seed beds in any soil.



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SHELBY, NORTH CAROLINA

POWER

*agency for North Carolina's 32
electric membership corporations*

■ The organization of a wholesale power agency to represent all 32 of the state's electric membership corporations was completed in Raleigh last month with the acceptance of six cooperatives into N. C. Electric Membership Corporation.

The rural electric systems have been banded together previously in a trade-service organization, Tarheel Electric Membership Association (publisher of *CF*), which is not empowered to procure wholesale power for the cooperatives. The charter of the new organization, whose membership is identical to Tarheel Electric's, allows it to generate and transmit electricity.

At the final session of a 2½-day annual meeting of the cooperatives, N. C. Electric Membership Corporation voted unanimously to obtain a statewide engineering study of the cooperatives, to be used to help determine the feasibility of generation and transmission facilities. Currently, most of the power supply is bought wholesale from commercial power companies.

W. T. Crisp, executive manager and general counsel for the two organizations, said that an alternative source of power for the cooperatives would strengthen their bargaining position and bring down power costs.

Two sets of officers were elected at the meeting which brought 150 directors and co-op employees to Raleigh. Officers of Tarheel Electric are L. T. Gibbs, manager of Rutherford Electric Membership Corporation of Forest City, president; John Coston, manager of Albermarle EMC of Hertford, vice president; and F. E. Joyner, manager of Piedmont EMC of Hillsboro, re-elected secretary-treasurer.

Officers of N. C. Electric Membership Corporation are Alton P. Wall, manager of Randolph EMC of Asheboro, president; L. P. Beverage, manager of Four County EMC of Burgaw, vice president; and G. L. Rucker, manager of Edgecombe-Martin County EMC of Tarboro, secretary-treasurer.

Unique unloader

While Clay Harrelson's silo unloader is now unique in the Cherryville area of Lincoln County, it won't be so long. The equipment unloads enough silage for 40 cows in just 15 minutes. Other farmers are looking at the unloader jealously.



ELECTRIC CO-OP OFFICERS—N. C. Electric Membership Corporation, a new organization chartered to act as wholesale power agency for the state's 32 rural electric cooperatives, and Tarheel Electric Membership Association elected officers at annual meetings last month. Left to right are officers of N. C. Electric, G. L. Rucker, Tarboro, secretary-treasurer; L. P. Beverage, Burgaw, vice president; and Alton P. Wall, Asheboro, president. Tarheel Electric's officers are L. T. Gibbs, Forest City, president; John Coston, Hertford, vice president; and F. E. Joyner, Hillsboro, secretary-treasurer.



WORKING TOGETHER—Retiring TEMA President Gilbert Whitley (left) listens to panelists. (Left to right) Alonzo C. Edwards, Executive Vice President, North Carolina Farm Bureau; Harry B. Caldwell, Master, North Carolina Grange, and Secretary, Farmers Cooperative Council of North Carolina; and Gwyn B. Price, Chairman, North Carolina Rural Electrification Authority, discussed means by which their organizations can work more effectively with electric membership corporations. The panel was presented on Wednesday morning of the two-day TEMA meeting.

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Buy in April or May and get
BIG SAVINGS



If you do not now have an electric water heater, April and May are your months to buy and save \$20 or more. Your electric co-op's April newsletter will bring you a free Tarheel Plan "Bonus Bucks" certificate worth its face value toward any member's first purchase of an electric water heater of 40 gallons capacity or larger.

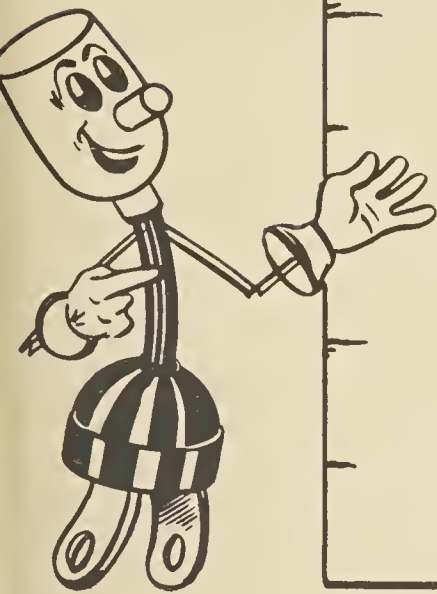
Read your April newsletter for details. Take out the certificate and use it to put electrically-heated water in your home.

See Your Co-op's Newsletter For Details

Your Key To Better Values



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Use Your Co-op's



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CREEK
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Eastern Rulane Sales Corp.
Economy Appliance Store
W. Huntley Co.
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EMER CITY
Carolina Appliance Co.

LIVING ROCK
Hardin Hardware

CIE
Hers Electric Shop
Hine Tire & Bargain Store
Hess Antique Shop
Hess Furniture Co.
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ARD
H. H. Appliance Co.
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GRANITE FALLS
Mackie Furniture Co.
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HOT SPRINGS
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JACKSON
D. B. Maddrey Appl. Co.

JEFFERSON
Segraves Motor Co.

KINGS MOUNTAIN
Murray's

LANSING
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Service Store

LENOIR
Bernhardt-Seagle Co.
Economy Auto Supply
Gibbons Electric Co.
Home Electric Co.
Lefler Sewing Machine Co.
Leftwich Electric Corp.
Parlier & Tomlinson Plbg. Co.
Shields of Lenoir, Inc.
Teague Furniture Co.
Tire Sales & Battery Co.
W. E. Shaw Furniture Co.
Western Auto Assoc. Store

LEWISTON
Bertie Appl. & Equip. Co.
Lewiston Home Appliance

LIBERTY
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MOREHEAD CITY
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Economy Appliance Store
Sound Appliance Co.

MT. OLIVE
Garner Brothers
Hasty Plbg. & Htg. Co.

MURFREESBORO
Murfreeseboro TV Center

NEWPORT
Allen & Bell Hdwe. Co.
C. M. Hill Hdwe. Co.
East Carolina Bldrs. Supply
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PIKEVILLE
Thompson's Elec. & Plbg.

RALEIGH
Pine State Creamery Co.
Rural Plbg. & Htg., Inc.

RAMSEUR
Bardy's Appliance Co.
Hodgin Firestone Store
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Seagrove Hardware Co.
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Smyrna Supplies

SOPHIA
Joe S. Powell Plbg. Co.

SPARTA
Blackwelder Furniture Co.
Edwards Furniture Co.
Farmer's Hdwe. & Impl. Co., Inc.
Miles-Waddell-Thompson
Western Auto Assoc. Store

SPRUCE PINE
City Furn. & Appl. Co.
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SWANSBORO
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SYLVA
Sossamon Furniture Co.

TAYLORSVILLE
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Duplin Electric Co.
Market Furniture Co.
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Martin Electric Co.
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Rogers Electric & Furn. Co.

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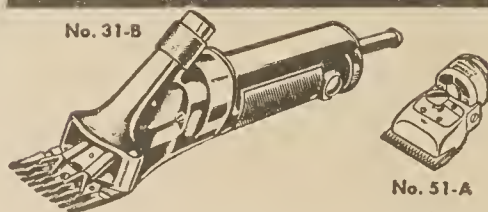
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TEEN LETTERS

If you disagree with our panelists (or other teen correspondents) or want to express your own opinion on some particular subject, write to: "Becky," Rural Roundtable, Carolina Farmer, Box 1699, Raleigh, N. C.

Dating Age

I surely do enjoy reading the Rural Roundtable. I think it's great.

I have a question I'd like answered: "Should a girl of 15 be allowed to date and attend evening ball games?" My grandmother thinks I'm still too young to date.

Doris Edwards

Weaverville, Route 2

(French Board Electric)

Dating Conversations

I'm 14 years old and a Freshman at Anderson High School. I do most of my own sewing and I like to cook. I love to go to ball games, parties and dances. My hobby is collecting movie stars' pictures.

My question is: "When you're out on your first date and the boy you're with doesn't talk much, but when he does, he talks only about other girls, what should you do?"

Brenda Aldridge

Burlington, Route 2

(Piedmont Electric)

Intelligent Panelists

I think your panel is very intelligent and I enjoy reading the Rural Roundtable. My question for the panel is: "Should a teenage girl date a boy who has been married but is now divorced?"

Juanita Owen

Lake Toxaway

(Haywood Electric)

Lipstick and Nail Polish

I am 14 years old and am very interested in music and dancing. I would like to hear the teen panel (or other teens who read the Rural Roundtable) answer the question: "Is it wrong for a 14-year-old girl to wear lipstick and fingernail polish?"

Dewey Lee Ross

Timberlake

(Piedmont Electric)

Dating Nights

I would like to have this question answered: "How many nights should you date during the week?"

I enjoy reading the Rural Roundtable very much and can hardly wait for each issue.

Verlene Hancock

Robbins, Route 1

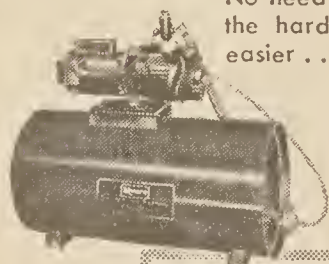
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Rural Roundtable

This Month our Teen Panel Answers The Question:

Should a girl date her
best friend's "steady"?

STEVE REEVES

Canton, Haywood Electric

I always thought that there was an unwritten agreement between two people "going steady" not to date anyone else unless, of course, something happens and one of the couple can't make a big date, such

an important dance. In this event, both the boy and the girl could agree that the one who is able to go should agree to date someone else. I think that unless something of this sort has happened, you had better take care in what you do. Dating your best friend's steady is risky business and you might end a long and serious friendship this way.

PATSY HARRIS

Albemarle, Union Electric

Maybe I have the wrong idea of "going steady" but I believe that it means that neither dates anyone else. If I am right, I am going to say "No" to this question. If you

do date your friend's steady you stand a chance of losing more than you gain: a friend. Don't make this mistake for he is not the only fish in the sea.

LYNDA HICKS

Wake Forest, Wake Electric

I would say "no," unless, of course, there is an understanding between all persons concerned. You say the other girl is your best friend? Well, if you go out with her boyfriend, she won't be long.

PANELIST GORDON BECTON'S answer had not arrived at press time, so we asked staff member Lynn Brunson (who still remembers her teens) to substitute for Gordon. She says:

Under most circumstances, I would definitely say that a girl should not date her best friend's "steady"—if she values the friendship. There are some exceptions, of course, as if the friend is unable to date the boy for some important social function and there is an understanding between all concerned. Dating your girl friend's "steady" without her consent would no doubt ruin the friendship. According to the "rules" of "going steady," the boy or the girl should not be dating others without mutual agreement. If the boy is trying to date others without his girl's knowledge, I don't think he would be worth the price of a friendship.

THIS MONTH'S QUESTION is asked by Ethel Bazemore of Route 1, Kelford. She is the daughter of Mrs. Reva Bazemore, a member of the Roanoke Electric Membership Corporation.

Ethel is a 14-year-old ninth grader at the John B. Bond High School in Bertie County, where she is a member of the following school organizations: Student Council, Glee Club, Science Club, and Library Club. Her hobbies are singing and dancing, and she writes that she also "enjoys reading the Carolina Farmer every month."

The Rural Roundtable panel would like to know YOUR special problems. If you have a question you'd like discussed, send it to the Rural Roundtable, the *Carolina Farmer*, Box 1699, Raleigh. If your question is chosen for the panel to answer, we'll send you \$5. To be eligible for the \$5, your parents must be members of a rural electric cooperative. When you send your question, include the following information about yourself: your name, age, address, name of parents, school, grade, name of electric cooperative, and special interests.



Rebekah Rivers, CF Assistant Editor; Mrs. Rebecca Wagoner, Blue Ridge EMC home service representative; Mrs. Mayo Cherry, Edgecombe-Martin EMC member; Mrs. Wyona Johnson, Davie EMC electrification advisor; and Mrs. Lucy Smith, Lumbee River EMC director, discuss the rural electric cooperative woman.

The Ladies Speak

at Tarheel Electric's Annual Meeting

At the Tarheel Electric Membership Association's annual meeting last month, five women who serve North Carolina's rural electric cooperatives in various capacities (see photo) served on a panel to discuss cooperatives from the woman's point of view. Below we present the panel text of Mrs. Mayo Cherry who represented women members. Her topic was "Women Should be Good Cooperators, too."

May I express to you my appreciation for the privilege and opportunity to speak in the interest of rural homemakers.

We homemakers feel that we are engaged in the most important and most challenging profession on earth: that of making a home for a family. We need and seek everything at our command to make our homes more convenient, more comfortable, more attractive and more enjoyable.

A homemaker's job is more varied than any other profession I know. She must serve as family cook, chauffeur, medical advisor, spiritual advisor, among other things, and she could use a good course in law for she is often called upon to act as mediator in family disputes.

Women should be responsible cooperators, too. I am sure there is *no one anywhere* who has a greater appreciation for the wonderful benefits enjoyed by farm families because of electricity than the *homemaker*. Electricity is her most valu-

able household servant. Electricity has transformed the rural home into a haven of abundant living with opportunities and privileges of the city homes. It has taken drudgery and burden out of her everyday household tasks. Women have always been eager to serve their electric cooperatives in any way possible. Even at the first hope of getting electricity in the rural areas, women worked untiringly in making surveys of individual families and in securing right-of-ways for cooperatives.

Women have continued to serve whenever they have been called upon. They are important cooperators because they use more electricity in the homes than on the farms—because they were first to really harness electricity to their use.

Electricity has made possible running water for so many farm families. I believe this has improved rural living more than anything else.

Women use electricity for preparing and cooking food. It has afforded them with refrigerators to keep food from day to day and freezers for conserving large quantities of food for longer periods of time.

Electricity has helped women in their cleaning through vacuum cleaners, waxers, etc. Because of electricity, many farm women now have dish washers and electric sewing machines. All these things save energy and time.

Electricity has brought education and

(Continued on Page 29)

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"Ah, Spring, how fair..."

A busy Davie Electric homemaker did her own systematic testing of gas and electric ranges some months ago. Mrs. Wayne P. Meadows, Rt. 2, Hiddenite, learned to cook on gas in her Champagne, Illinois, home; so, quite naturally when she married a North Carolina farmer and came to the state to make a home for him she purchased a gas range. Mrs. Meadows and her husband, like most young couples today, are quite budget conscious, and from month to month became distressed with their gas bill. Therefore, back in November when the oven door on her old gas range broke and it became evident that the

family must buy a new range, the couple decided to think about electric ranges. They compared the initial purchase cost of gas and electric ranges, as well as the cost of operation and performance of the two appliances. The result? The Meadows family now has a shiny new electric range, and the lady of the house likes the way it looks, the way it cooks, and its low operational cost.

Co-op member tells why

SHE COOKS ELECTRICALLY

rather than with gas

Davie Electric's electrification advisor, Mrs. Wyona Johnson, wondered if Mrs. Meadows had any difficulty in switching from gas to electricity. After all she had been using gas all her life.

"I didn't have an ounce of trouble," the vivacious homemaker answered. "In fact, I got the electric range the day before Thanksgiving and the next day I cooked a Thanksgiving dinner for 16 people. It's so automatic, there's nothing to it, if you follow directions."

"And what about operational costs since you switched," Mrs. Johnson wanted to know.

"The cost of operation is very low," Mrs. Meadows replied, "and I'm a pretty good test, because I really *use* my range. I even make bread three times a day."

Not only is the new electric range owner pleased with the economy of operating her new appliance, but she had many more features to praise: It's easy to clean, and, since there's no flame, it's also easier to keep her kitchen walls and ceilings fresh. She has also noticed that the bottom of her pots and pans don't require as much scouring now, since no flame is hitting them.

An electric range is not the only electric appliance Mrs. Meadows has. In fact, when she and Mrs. Johnson began listing her small appliances, they found they had quite a long list. Among these appliances are a hair dryer and an electric wood burner. (Wood burning is one of Mrs. Meadows's hobbies.)

Mrs. Meadows met her husband in Washington, D. C., when he was convalescing from a Korean War wound. After they were married, they came back to Alexander County, where they purchased a 72-acre farm. The Meadows are masters at budgeting and planned buying. Last year they budgeted for a bathroom, this year, an electric range. Future plans include an automatic washer, freezer, and furnace—in that order.

Know the facts about ranges

***Impartial tests prove
that electricity out-
performs gas 2 to 1***

Some time ago, the U. S. Department of Agriculture announced to the press the results of a series of efficiency tests conducted by the Government's top housing and household equipment specialists. Electric ranges, refrigerators and water heaters, the specialists found, proved more efficient than comparable bottled gas appliances used in their tests. In fact, in the range tests, the electric model out-performed the gas range in an efficiency ratio of 2 to 1.

Despite these reports from a completely unbiased source, we continue to find farm families purchasing gas ranges. In most instances, we find that the purchase of a new gas range hasn't been fully informed of the advantages of an electric range. For here are some of their reasons for purchasing a gas stove: original cost of range, operating cost as opposed to electricity, cost of installation of an electric range, and the false belief that gas is faster and more dependable.

Now, let's see if we can't punch holes in some of these beliefs, starting with the original costs of electric and gas ranges. Admittedly, there is some difference between the price of a gas and electric range. However, in comparing prices for modern gas ranges and comparable electric models, the difference in price is very slight. The range purchaser must not be completely



Mrs. Wayne Meadows prefers electric cooking to gas.
(Story at left)

linded by the original cost of the model. He must also consider the ultimate efficiency of the two models. If he is not guided by all factors at hand, the purchase of the less expensive model may be "penny wise and pound foolish."

In answering the claim of some farm women that gas ranges are cheaper to operate than electric ranges, we cite them to local gas companies and to their electric cooperatives for a comparison of rates. Both electric and gas rates differ according to the locality, so the generalization that "it is cheaper to operate a gas range than an electric one" is full of loop-holes.

The housewife who merely assumes that operation of a gas range is cheaper may very easily again find herself the victim of false economy. The use of double utilities has always been considered uneconomical. In a home where electricity is already used for electric lights, a washer, refrigerator and small appliances, the addition of an electric range usually results in a cheaper electricity bracket. (Prospective range buyers should most certainly consult their co-op managers concerning this before making the final choice of range model.) On the other hand, if a gas range is installed in the home, the homeowner pays the higher rate both for electricity and gas.

As for the installation cost of an electric range, the wise shopper will learn that, regardless of type chosen, there is always some cost involved in the installation of a range. Here again, installation charges vary according to locale for both electric and gas ranges.

The false notion that gas is faster and more dependable was proved completely erroneous by the Department of Agriculture tests. These utilization efficiency tests (the relationship between the useful work done and the energy required to do it—which should be the guiding principle in all appliance purchases) proved that electricity is faster and far more efficient than gas. Range tests showed that, for the complete cooking job (top-of-range and oven) electric ranges used half as much energy as bottled gas ranges.

Buyers of new ranges owe it to themselves to delve into all the findings of such tests as these. These efficiency ratios should dispel confusion, particularly since they were made by a Government agency dedicated only to fair practices and the welfare of rural people.

For further information on electric range efficiency, prospective buyers should consult their co-op electrification advisors or write the *Carolina Farmer*, Box 1699, Raleigh.

5 rules for BETTER BAKING

- The correct choice of pans is important. Size and shape of the baking pan must be fitted properly to the type and quantity of batter to be baked. Always arrange your baking pans in the oven so free circulation of heated air is provided.



- If the baking process calls for a preheated oven, arrange the oven shelves, set the temperature control, and turn the switch to high or preheat. While oven is still cold, arrange shelves according to the number of pans being used. When the oven is properly heated, turn the switch to bake position and place the baking pans in correct position. Close door gently and bake the designated length of time.

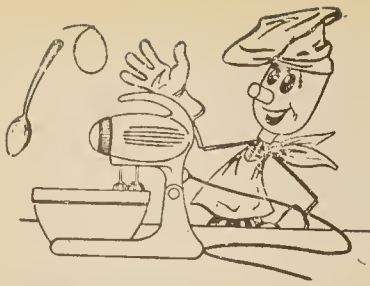


- When baking one product, place it on the middle of the shelf, adjust shelf so it is near the center of the oven. If using two baking pans, place opposite each other on same shelf.



- When the baking process is complete, remove the food from the oven and cool properly. Always bake cakes on cake racks. Do not cover the cake until it is cool.

- When selecting menus for oven meals, choose foods which can be cooked with same variations of temperature. Remember that several foods will be cooking at the same time so it will not always be possible to cook each food at its own temperature.



Carolina Kitchens

Recipes From Co-op Homemakers

Blue Ridge co-op member shares her favorite recipe with co-op homemakers

MRS. MARVIN EDWARDS, State Road, our cook-of-the month, writes us that cooking is her favorite hobby and that, from all her recipes, she chose this one for "Carolina Kitchens" because her family has enjoyed it so much.

Mrs. Edwards is the mother of one son, aged 5, who is shown with his mother in the picture below on the occasion of his second birthday. Her husband is a farmer, and like most farm wives, she works outside as well as in. She adds: "I really enjoy the Carolina Farmer each month. I find many interesting articles in it. I always clip the recipes from Carolina Kitchens."

To save Mrs. Edwards's recipe, just clip along the dotted lines, paste it on the back of pasteboard and stick it in your permanent recipe file.

We'd like to see your favorite recipe. If you have one you'd like to share through this column, send it to: Carolina Kitchens, Box 1699, Raleigh. If you have a good snapshot of yourself, send it along, too. And include something about yourself and family when you send the recipe: the size of your family, what they like to eat, your special interests.



CAROLINA FARMER RECIPE

Submitted by Mrs. Marvin Edwards

State Road, N. C.

Peanut Squares

1 cup sugar	$\frac{3}{4}$ cup warm water
4 tablespoons butter	2 cups sifted flour (plain)
1 egg	1 teaspoon baking powder

Cream butter and sugar. Add egg, flour, water and baking powder. Bake in 2 square pans. When cool, cut cake in squares. Ice and sprinkle with ground, parched peanuts.

Over The Lines with Becky



The woman and the cooperative —

In 1920, the 19th Amendment was added to our Constitution, giving the woman the precious right to vote in the country. This event opened a 'bright new world' to the women of the United States, for, the masculine population decided, they were able to vote why shouldn't they be capable of holding public office, of going into business, of helping to run the community. Eventually, woman ceased to be the 'seen-but-not-heard' member of the family, and became (thank heavens!) her husband's strong partner in every phase of the family life.

Today's woman must play a multiple-role, as she accepts the responsibilities placed on her shoulders by her family, her church, her community, and it's generally agreed that she does a pretty fair job in each role. Mrs. Mayo Cherry (see page 22) did an excellent job in explaining the multiplicity of these jobs by using a flannel board at the annual meeting of the Tarheel Electric Membership Association last month. But the role she was most interested in portraying to the group was that of the woman as an electric co-op member.

Mrs. Cherry (and the other members of the panel) told the managers and directors of North Carolina's electric cooperatives of the many jobs women cooperators have done in the past and are capable of doing in the future in the rural electrification program.

And how about you? Are you a good member of your cooperative? Do you attend its annual meetings? Do you read its newsletter? When it's your turn to vote for the family at an annual meeting, do you understand what you're voting for? Remember, ladies, you have a stake in your cooperative as well as your husband. Your ownership in that cooperative will one day be passed to your children. So, the next time you're at your co-op office, or see your manager or electrification supervisor, why don't you get them to inform you on current co-op problems. It's your business — you should mind it.

A TOUCH OF SPRING



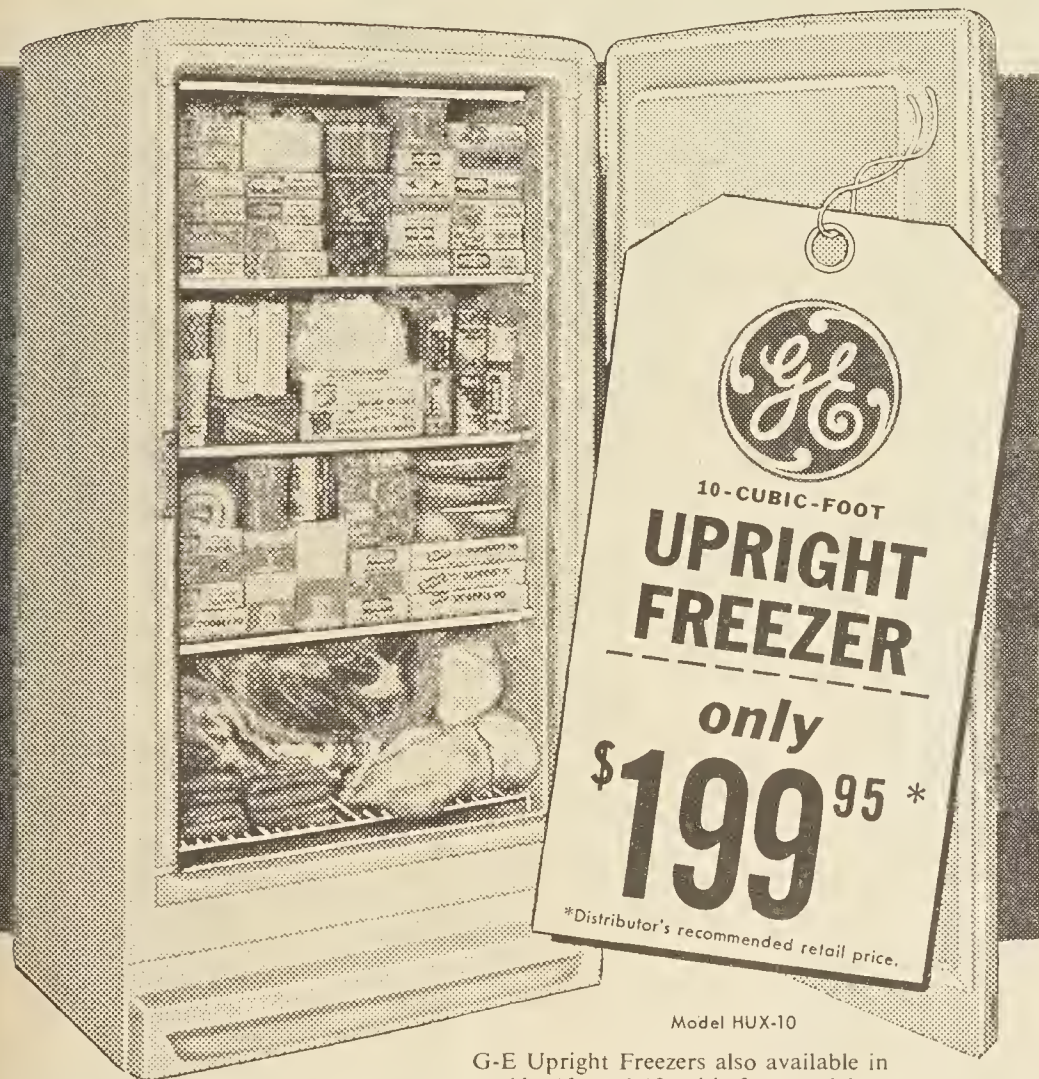
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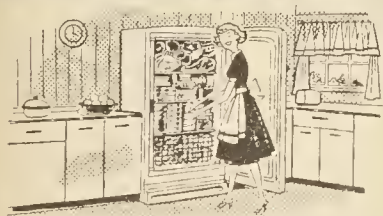
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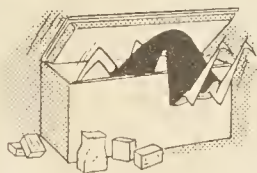
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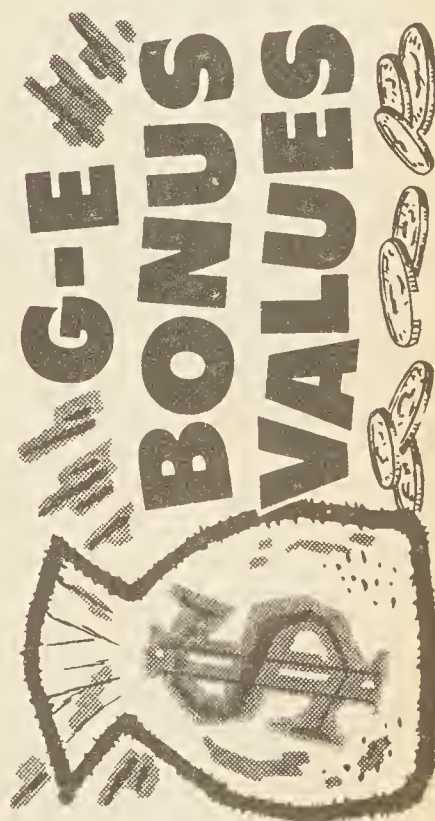
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9322—Long lines, back fullness and belt for a taller, leaner look. Printed Pattern in Half Sizes 14 1/2 - 24 1/2. Size 16 1/2 takes 4 1/4 yards 35-inch fabric.

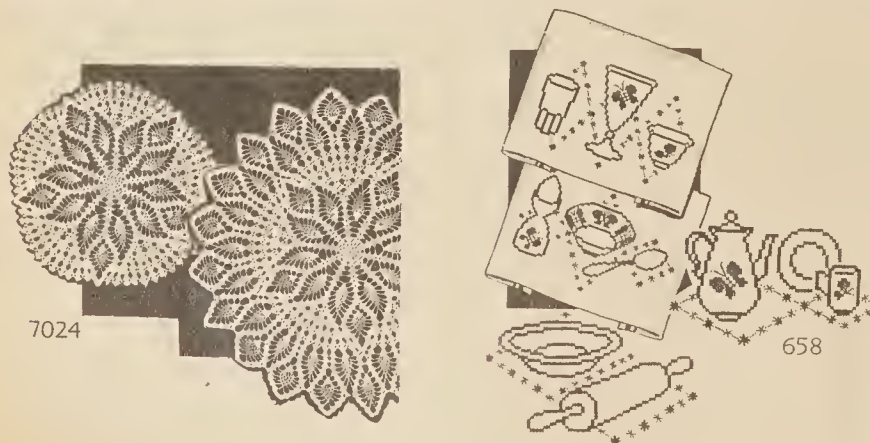
9243—Arrow-slim front, all fullness drawn to back in fanfare of pleats. Printed Pattern in Misses' Sizes 10-18. Size 16 takes 3 3/4 yards 39-inch fabric.

9089—Cool charmer for around the house, sunning, shopping, gardening. Printed Pattern in Half Sizes 14 1/2 - 24 1/2. Size 16 1/2 takes 3 7/8 yards 35-inch fabric.

4833—Classic lines to wear and love season after season. Looks well in almost any fabric. Printed Pattern in Misses' Sizes 12-20; 40-42. Size 16 takes 4 5/8 yards 35-inch fabric.

4843—Buttoned bodice, with neat revers; graceful 6-gore skirt. Printed Pattern in Half Sizes 14 1/2 - 26 1/2. Size 16 1/2 takes 3 3/4 yards 35-inch fabric.

NEEDLE NOVELTIES



7024. Set an elegant table with large doily as centerpiece; smaller as place mat. Crochet directions for 24-inch centerpiece; 14-inch matching doily in No. 30 cotton. 658. Fun to "do" dishes when they're in easy cross-stitch on kitchen towels. Transfer of 6 motifs 5¼ x 8¼ inches. Color suggestions. Send TWENTY-FIVE CENTS (in coins) for EACH pattern to: The Carolina Farmer, 243, Needlecraft Service, P. O. Box 16 Old Chelsea Station, New York 11, N. Y. Add FIVE CENTS for EACH pattern for first-class mailing. Send an additional 25¢ for our 1954 Needlework Catalogue.

The Ladies Speak

(Continued from Page 22)

entertainment to the farm families through radio, TV, record players, home movies.

Well, you can see that electricity has made rural living more abundant by taking hard manual labor out of her many chores. It has given the rural homemaker more time for those things of more importance for her family and her personal development. It has made rural living not only more convenient and comfortable, but more attractive and enjoyable. Electricity has made her a more efficient homemaker.

Women now stand ready and willing to carry their share of responsibility to their communities and electric cooperatives. They are eager to know how to use their electrical appliances more efficiently. They are always interested in the economy of any business—particularly one in which they have ownership.

And how can women be more responsible co-op members? They can be good public relations people. They can speak up for the advantages of the cooperatives. It is their business and they, as members, should help control and direct it.

They can help their cooperatives by keeping informed on ways of extending greater service to members.

They can report any electrical trouble. They can be prompt in reading meters

(Continued on Page 30)

SEE YOUR WESTINGHOUSE DEALER

BURGAW—Burgaw Electric Co.
DUNN—Quinn's of Dunn
FARMVILLE—Turnage Co.
GOLDSBORO—Farmers Supply Co.
HILLSBORO—Brewer Appliance Co.
JACKSONVILLE—United Appliance Co.
KENOIR—Leftwich Furniture Co.
MONROE—Belk Brothers
MOORESVILLE—People Furniture Co.
MOREHEAD CITY—Economy Auto Supply Co.
NEW BERN—Scott Refrigeration Co.
RED SPRINGS—Bracy Trading Co.
ROCKINGHAM—Economy Auto
SANDFORD—Sprott Brothers
SOUTHPORT—Harrelson Hardware Co.
WAKE FOREST—Farmers Supply Co.
WASHINGTON—Nickols & Whitley

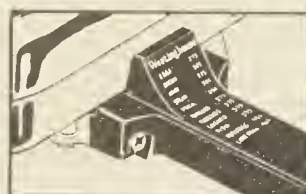
PERFECT COOKING RESULTS

on all your FAVORITE MEALS

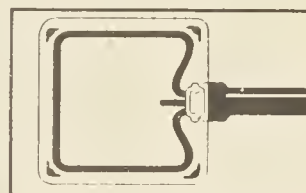
LIMITED TIME

\$14⁹⁵

Cover Slightly Extra

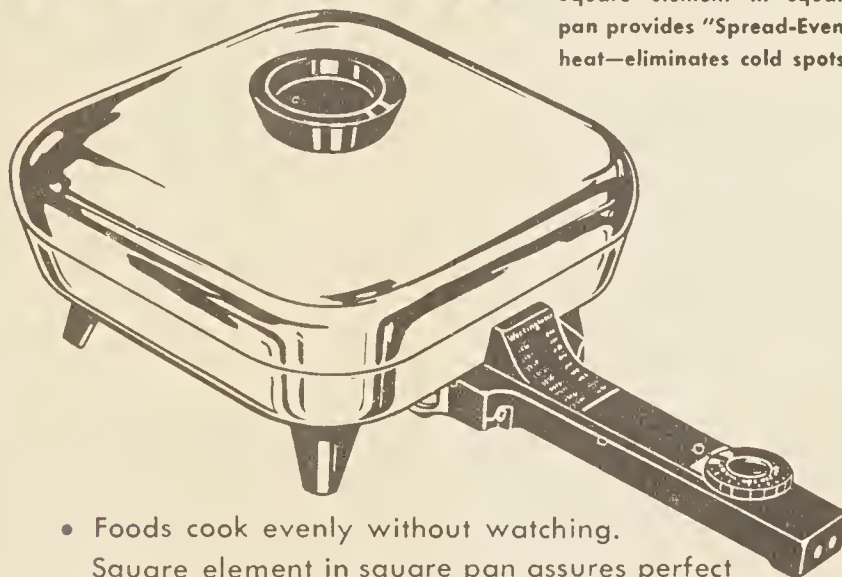


Handy temperature guide on handle provides settings for most foods at a glance.



Square element in square pan provides "Spread-Even" heat—eliminates cold spots.

Westinghouse automatic FRY PAN



- Foods cook evenly without watching. Square element in square pan assures perfect cooking results every time.
- Accurate, automatic thermostat eliminates guesswork, assures evenly cooked foods without watching.
- Safety grip handle makes pan easy to carry. Finger guard prevents burned fingers.
- A welcome addition to any kitchen. Beautifully styled in polished aluminum. Signal Light control.

YOU CAN BE SURE...IF IT'S Westinghouse



See your Westinghouse dealer

The Winner

(Continued from Page 16)

est things that has happened to the American farmer," he continued, "and I'm a great believer in members going to the co-op's annual meeting. In fact, at annual meeting time, I run around my community urging our members to go take care of their business. After all, the co-op belongs to them."

Mr. and Mrs. Williams are very lucky to have their four children living within a two-mile radius of their farm. When speaking of his children, Williams remembered that when he mailed his coupon to the *Carolina Farmer*, he had jokingly promised to give the washer to his daughter if he won. "But," he chuckled, "to keep peace in the family, I'll just use it myself."

Farmer Williams has many electric appliances to help him in his new role of housekeeper: a deep freeze, electric range, water heater, and vacuum cleaner (which he uses when his wife insists).

THE PARKER BRANCH STORY

(Continued from Page 11)

Tentative results following the action phase indicate that the farming changes did accomplish conservation as well as meet the goal of higher incomes. During the first phase of the project, an average of 2.6 tons of soil per acre of watershed land was lost during the summers. After the start of the action phase, soil loss dropped to 1.6 tons per acre.

Mark Sluder makes no pretense to scientific evaluation, but he sizes up the changes as "100 per cent. I've lived here 50 years, and there's never been anything like it in this community."

The important thing, Coutu believes, is that Sluder and his neighbors see some alternatives to their traditional farming practices and enterprises; that they set their own goals and decide how to use their resources to attain them.

Five years ago, Sluder's farming consisted of tobacco and a couple of milk cows. He had no pasture, and was convinced that he couldn't have any. Today, he gets income from tobacco, straw-

berries, alfalfa, and the sale of cows for milk heifers or beef. He has plenty of pasture for his 18-cow herd. And there's plenty for his son, Carlos, to do around the farm. Because he likes cattle, Carlos has decided to stay on the farm.

When the results of the changes, both human and hydrologic, are measured, the sponsors of the project hope to have discovered an approach to watershed conservation that will serve the interests of the individual farmer as well as the interests of the nation.

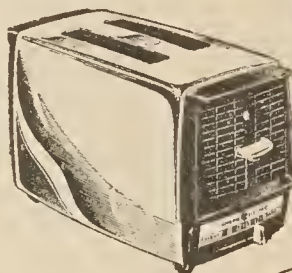
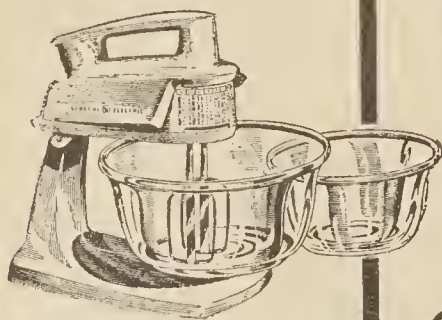
The Ladies Speak

(Continued from Page 29)

and reporting same to their cooperative. They can fill out survey cards and mail them promptly to their co-ops.

If we haven't shown the interest and given the service we should have to our cooperatives in the past, just give us some responsibility.

 **ALL PURPOSE MIXER**

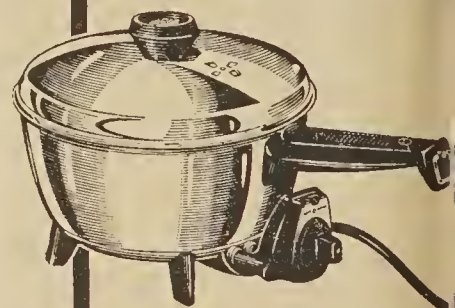


 **AUTOMATIC TOASTER**



 **BLANKET**

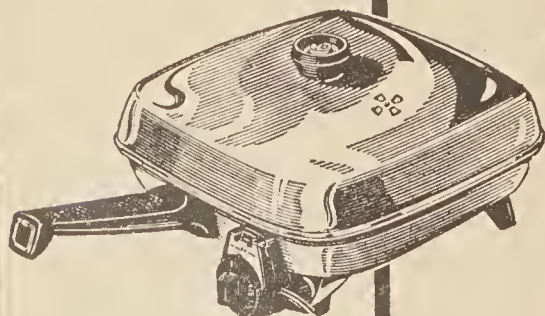
 **AUTOMATIC SAUCE PAN**



Remember Mama . . . Specify



 **AUTOMATIC ELECTRIC SKILLET**



 **COFFEE MAKER**



This is one of those happy contests where you choose your own prize—even before you win it! Name any one of these beautiful, work-saver appliances in your entry . . . and enjoy Mama's giant hug on Mother's Day. The appliances most women want most are . . .

GENERAL  ELECTRIC

Distributors servicing this area are: GENERAL ELECTRIC SUPPLY CO., Charlotte and principal Carolinas cities, ALLISON-ERW CO., Charlotte and principal Carolinas cities, JOHANNSEN ELECTRIC CO., Greensboro, ODELL HARDWARE CO., Greensboro

MAKE YOUR KITCHEN A DREAM OF CONVENIENCE WITH A NEW

Hotpoint

DOUBLE-OVEN ELECTRIC RANGE



MODEL RC702

CALROD®

RECIPE HEAT

UNITS



*now you can cook with heat as accurately
measured as your recipe ingredients
for better results every time*

Calrod® Recipe Heat surface units have 5 exactly measured, electrically timed heats. Just touch the proper color-lighted pushbutton — there's no guesswork. Recipe Heat — another reason more women cook on ranges made by Hotpoint than on any other kind.

**ONLY HOTPOINT OFFERS SO MANY CONVENIENCES TO
MAKE YOU A BETTER COOK...AUTOMATICALLY**

SUPER-OVEN PLUS THRIFT OVEN — cooks for a holiday houseful.

AUTOMATIC ROTISSERIE — enjoy tasty barbecues year 'round.

AUTOMATIC MEALTIMER — shuts off any surface unit at time you want from one minute up to 4¾ hours.

SUPER-MATIC UNIT — time and temperature controlled, makes any pot or pan an automatic cooking utensil.

PLUS — Giant storage drawer, Super "2600" speed unit, meat thermometer, oven timing clock, 2 appliance outlets.



Enjoy Recipe Heat in this
space-saving 30" Hotpoint
Electric Range—Model RB602

Start enjoying the cooking luxury of Recipe Heat. See your Hotpoint dealer today.



Hotpoint

LOOK FOR THAT HOTPOINT DIFFERENCE

APRIL, 1959

A Division of General Electric Company, Chicago 44, Illinois

31

Rural Exchange

RATES: 15c PER WORD CASH WITH ORDER. NO STAMPS. MINIMUM AD—\$3.00

• AGENTS WANTED

SHINE CARS WITHOUT "POLISH." New invention. Lightning seller. Cars gleam like mirror. Samples sent on trial. KRISTEE 106, Akron, Ohio.

FREE FAMOUS 50 CUP West Bend Coffee Percolator for selling only 48 bottles of Frazier's Delicious home flavors. Send card or letter today for full information. Frazier Extract Company, Winston-Salem, N. C.

• ANNUAL MEETINGS

MARSHALL. French Broad Electric Membership Corporation, April 25, Marshall High School Gymnasium, 2 p.m. **SPEAKER** and \$1,500 in **FREE PRIZES**.

MORGANTON. Burke-McDowell Electric Membership Corporation, 2 p.m., May 16. Place and name of Speaker will be announced later. **FREE PRIZES**.

WAKE FOREST. Wake Electric Membership Corporation, April 11, Wake Forest High School, 9 a.m. Miss Rebekah Rivers, Assistant Editor of the Carolina Farmer, will speak. \$700 in Free Prizes.

• BUSINESS OPPORTUNITIES

MINK RAISING INFORMATION free. Complete. Lake Superior Mink Farm, Superior, EE, Wis.

• EDUCATIONAL OPPORTUNITIES

HIGH SCHOOL AT HOME in spare time with 62-year-old school. No classes. Standard high school texts supplied. Single subjects if desired. Credit for subjects already completed. Progress at own speed. Diploma awarded. Information booklet free . . . write today! American School, Dept. X458, Drexel at 58th, Chicago 37, Ill.

• FARM CHEMICALS

KILL SUBMERSED water weeds which foul up motor propellers, tangle fishing gear and choke irrigation ditches with R-H Granular Weed Rhap. Inexpensive, easy to use, sure results. For details write Reasor-Hill Corporation, Box 36E, Jacksonville, Ark.

KILL BITTERWEEDS, wild onions, and dog fennel with R-H Weed Rhap at low cost. Will not injure grasses, grains, cattle, or other animals. Call your dealer, or write Reasor-Hill Corporation, Box 36E, Jacksonville, Ark.

KILL BRUSH at low cost with amazing R-H Brush Rhap. Will not injure grasses, grains, cattle, or other animals. See your dealer, or write Reasor-Hill Corporation, Box 36E, Jacksonville, Ark.

• MISCELLANEOUS

MAILBOX NAMEPLATES, Four colors, any lettering. Name-address stencil, \$1. **MOORE SALES**, 14008 Tacoma Ave., Detroit 5, Mich.

CHURCH SOCIETIES, CIVIC CLUBS, OTHER ORGANIZED GROUPS RAISE MONEY EASILY selling Frazier's highest quality **VANILLA** imitation for home use. We ship on consignment, you pay us when sold. **WRITE TODAY** for full information. **FRAZIER EXTRACT COMPANY, WINSTON-SALEM, N. C.**

MEN-WOMEN & PERSONS ON PENSION. \$10 to \$20 daily booking orders for fast selling item appealing to Farmers and others. 9 out of 10 buy, pleasant interesting work. No investment required. **FREE SALES OUTFIT.** Write J. Reiter Mfg. Co., 2942 1st Ave.-S., Minneapolis, Minn.

SWEET POTATO PLANTS

FREE GROWERS GUIDE

IMPROVED PORTO RICOS

200-\$1.00 500-\$2.00 1,000-\$3.50

5,000-\$17.50 10,000-\$30.00

"VINELESS" PORTO RICOS

NANCY HALLS ALL GOLDS RED GOLDS

COPPERSKIN GOLD RUSH

200-\$1.25 500-\$2.50 1,000-\$4.00

5,000-\$20.00 10,000-\$35.00

5,200 BUSHELS - WE CAN FILL ALL ORDERS

STEELE PLANT CO.

TENNESSEE'S LARGEST DEALER

PHONE MIDAY 8-5476

GLEASON TENN.

POEMS WANTED FOR NEW SONGS and Recordings. Immediate consideration. Send Poems. **SONGRAFTERS**, Lyric Department, Acklen Station, Box 6145, Nashville, Tenn.

• OF INTEREST TO WOMEN

\$100-\$500-MORE paid for your child's photo if selected for advertising illustrations, etc. Hundreds used weekly. Rush photo for approval. Returned promptly. Free service. **AD-PHOTOS**, 6087-CNF Sunset, Hollywood 28, Calif.

SEW APRONS at Home For Stores

No charge for material to fill orders. In our fourth successful year.

ADCO MFG. CO., Bastrop 80, La.

\$200 MONTHLY POSSIBLE, Sewing Baby wear! Easy—big demand! No house selling. Free information. Send name to: Cutler Warsaw 160, Ind.

\$500 FOR YOUR CHILD'S PHOTO

This child's mother received big check. Up to \$500 paid for children's photos when used for advertising. Hundreds selected monthly. Ages 2 mos. to 20 yrs. Rush 1 small photo for approval. Print child's and mother's name, address on back. Returned 2 weeks. No obligation. Testimonials sent.



HOLLYWOOD SPOTLITE, Dept. KD 8344 Beverly Blvd., Hollywood, Calif.

• POULTRY

FIRST QUALITY CHICKS! HEAVY BREE COCKERELS C.O.D. \$5.95 per 100 (Positively No Leghorns). **SPECIAL WHITE ROSS CROSS COCKERELS** \$7.95-100. Heavy A sorted Straight Run \$10.95-100. **DELUX LAYING STRAIN** New Hampshire Red Rhode Island Reds, Barred Rocks, White Rocks. White Wyandottes your choice. Straight Run \$12.95-100. High Productive Heavy Breed Pullets \$22.95-100. Famous Early Laying Strain S. C. White Leghorns (Large English Type) Pullets \$28.95. Straight Run \$12.95. Pekin Ducklings \$1.475. Live Delivery Guaranteed. 100 Bloodtested. F.O.B. prompt shipment, **RUI BABY CHICKS**, Dept. NCRA-4, Norfolk, Va.

SOUTHERN ENGINEERING COMPANY

ARCHITECTS—ENGINEERS
ATLANTA, GEORGIA

MAIL BOX

(Continued from page 7)

wouldn't be another person like him in 100,000 when it came to his germ consciousness, but I met a woman from Florida one time who told me she thought you should hang the dish towel inside out so the dust wouldn't fall on the side you dry dishes with.

And speaking of drying dishes, all my friends have learned that either they keep the dish towel away from their clothes when they dry dishes for me or else they

should leave the job to me. Some of them won't even offer to dry dishes for me when my husband is home. All I can say is that people like "Critical" and "Germ-Conscious" would make good operating room nurses and technicians. As for the rest of the ordinary clean people, somehow they manage to live and to multiply.

Mrs. O. R. G.
Durham, Route 4

The *Carolina Farmer* is a wonderful little magazine. We read it from cover to cover and look forward to each new issue.

Mrs. L. P. Sifford
Stanley, Route 1

The Union Electric Membership Corporation has meant so much to us, and we enjoy the *Carolina Farmer*.

Mrs. Luther B. Efird
Albemarle, Route 4

Sanitation

Three gentlemen wandered into a seedy-looking restaurant in New York for a spot of tea.

The waiter appeared with pad and pencil. "I want a glass of weak tea," ordered one.

"I'd like tea, too," said the second, "but very strong, with two pieces of lemon."

"And you?" asked the waiter of the third.

"Tea for me, too, please. But be sure the glass is absolutely clean!"

In a short time the waiter was back with the order.

"Which one," he asked, "gets the clean glass?"

Loafers

"Yes, indeed, we have a large selection of loafers," said the Shoe Department manager. "Let's see if we can get one to suit you."

No Regrets

"If you had your life to live over," the porters were asking the prominent 80-year-old man, "do you think you'd make the same mistakes again?"

"Certainly," said the old man, smiling, "but I'd start sooner."

Spinach-hater

"How much longer," the small boy inquired, "will I have to eat spinach to be able to lick anybody who tries to make me eat spinach?"



"Don't you know yourself, too much water isn't good for the soil."



"I guess you realize we should have been up and had an argument by now."

HALE!

Trying Times

A well-known district justice was sitting in the lounge of a hotel on a hot day drinking a steaming cup of coffee.

A close friend arrived and said, "Why don't you drink something cooling? Have you tried chilled gin and tonic?"

"No," said the justice, "but I've tried a lot of fellows who have."

—Thanks to Mrs. James D. Harman
Rt. 2, Clemmons, N. C.
(Davidson EMC)

Wise Cracks

... Why is it that the late, late show always features such an early, early movie?

... The best way to beat the Russians to the moon would be to put the men on the job who design and manufacture our children's toys.

... Don't strive to be normal—it's abnormal!

... Conceit is what makes a woman think that her face is her fortune when it's only her beautician's.

Thank Goodness!

A teen-ager was told for the umpteenth time to phone the dentist for an appointment. Finally she called and was informed that the dentist was out.

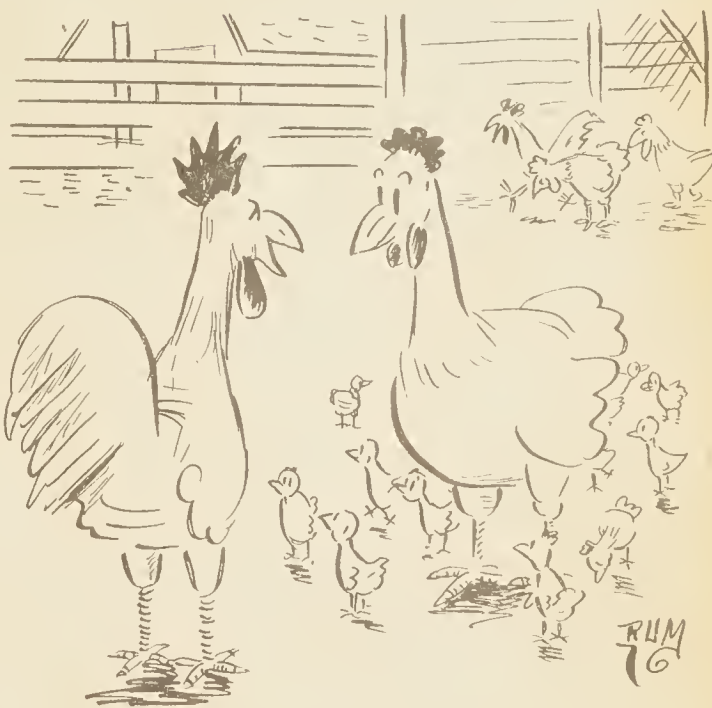
"Thank you," she said gratefully. "When will he be out again?"

Dependent

With income tax time approaching, stories about the troubles of tax collectors are beginning to go the rounds. There is one about a dependent living in a family for over 30 years, who couldn't get a job to support herself because she couldn't talk very well. Her name was Polly. Upon investigation, the income tax collector finally found out that Polly was a parrot!

Suspended

We wonder if you have heard about the lawyer who got his client a suspended sentence? They hung him.



"Gracious! You don't look old enough to be the mother of all those children!"

"Oh No, It Won't Hurt a Bit, We Use Gas."



"Old Ready and Willing"

Much of the power company political advertising contains a statement like this: "America's Independent Electric Power and Light Companies are ready and willing to provide the electric service that America needs at *no cost to the taxpayer.*"

There is at least one very high cost to the taxpayer who would cast his lot with a total power monopoly.

Up in Rhode Island, where there are no electric cooperatives and no public power projects, "Old Ready and Willing" looks more like "Old Sick and Ailing."

In the *Washington Post* last month was

a letter which included the following interesting information:

"If the private power companies are so eager to cover the country with privately-produced power, may I suggest that they start with Newport, Rhode Island. This is one of the country's oldest communities and a vital naval base. Yet there is such a shortage of power in Newport that customers are limited to how much they may use.

"There is a master switch which automatically shuts off all power for electric hot water for about eight hours during the night."

Just For Us?

A farmer who reads the news stories on expenditures by the Department of Agriculture might wonder, too, at the size of money spent on him.

Except it's not all for him, and it is not all true expenditure. One metropolitan newspaper wrote of a \$5-billion subsidy for farmers. It did not point out that the figure was the total appropriations for the USDA, and included:

Almost \$1 billion to support an export program for the purpose of winning good

will abroad; almost half-a-billion in loans to REA which are repaid with a profit to the Treasury; \$28 million for market research; \$19 million for federal meat inspection; \$150 million on school lunch and milk programs; \$234 million for foods donated to foreign countries; \$120 million for running the U. S. Forest Service, including recreational facilities for 45 million touring citizens a year; and several other items which helped the farmer no more than the non-farming public.

Tarheel



VIEWS

by *william t. crisp*

□ Last year North Carolina's electric co-op members used 600 million kilowatt hours of electric energy. Their cooperative paid a total price of \$4½ million for this power, wholesale. All but a modest portion of it was purchased from the state's four commercial power companies—CP&L, Duke, Nantahala and VEPCO.

Have you ever asked yourself why our cooperatives must buy virtually all of their power requirements from these utilities? Why shouldn't we be generating for ourselves, at cost?

There are two reasons why we have not found it economical to do this, so far. First, compared with the power companies we are small — both in the total number of our consumers and in our KWH usage per consumer.

Second, our members live much farther apart than do the customers of the companies, thus requiring the transmission of less current over greater distances.

Happily, time works in our favor. Each year, as we serve more members from lines already built and as our members continue to up their demands for power, we move closer to the time when we can build our own generating plants.

Two steps are necessary if we are to progress seriously toward the end of producing our own power supply. First, we must start planning in *inter-cooperative* terms — that is, with a realistic regard for the engineering relationships that exist (or can exist) between *each* EMC and *every other* EMC in the state.

Second, we must have the proper legal organization through which this planning may proceed.

The latter, I am happy to state, has already been achieved in the form of the North Carolina Electric Membership Corporation (see story on page 17). As of the 12th day of last month, your cooperative and all others in the state became active members in this long-needed organization.

Through it, we will be able to work on some of the engineering problems of power generation.

Make Mama A Winner

1st PRIZE

All 6 of the Automatic Electric Appliances shown at right — A big \$200 prize value in General Electric and Westinghouse appliances — Sent to your mother if you win.

29 SECOND PRIZES

29 Appliances (each worth up to \$30) — One appliance to each Electric Co-op winning mother. Every Electric Co-op will have a winner.



If you want your mother to have the best in Electric Appliances, enter this Mother's Day Contest.

Here's How To Enter:

1. Clip out, fill in the coupon below. From those shown above, select the General Electric or Westinghouse electric appliance that you would like for your mother to have.
2. On the coupon or on a separate sheet of paper tell, in 50 words or less, why your mother deserves this appliance for Mother's Day.
3. Mail your entry to the Carolina Farmer, P.O. Box 1699, Raleigh, N. C., postmarked no later than midnight, Thursday, April 30, 1959.
4. Either you or your mother must be a member of a rural electric co-op to be eligible for the prizes.

Select The Appliance You Want From These Brands:

**GENERAL ELECTRIC
WESTINGHOUSE**

A



FEATURE

Contest closes at midnight, Thursday, April 30, 1959.

MAIL TO: THE CAROLINA FARMER
P. O. BOX 1699, RALEIGH, N. C.

Member's Name _____
Member's Address _____
Member's Electric Co-op _____

My Mother's Name is _____ Her Address is _____

Listed below is the brand and electric appliance (selected from those listed above) I would most like to give to my mother for Mother's Day:

BRAND

APPLIANCE

Here (or on a separate sheet of paper) is why my mother deserves the electric appliance I chose: _____

This Entry is Valid Only if it is Postmarked Before Midnight, Thursday, April 30, 1959.

NORTH CAROLINA'S BEST BUY!

NEW 1959

GENERAL ELECTRIC

ALL-AUTOMATIC 40" PUSHBUTTON RANGE



MODEL J411S

SPACIOUS

23 INCH

MASTER OVEN

Holds 4 cake layers on one shelf. Big roasting pans slide in and out without turning lengthwise.

All these luxury features

- Removable Oven Door
- Oven Floodlight
- Focused Heat Broiler
- Enclosed Bake and Broil Units—no open coils
- Three Storage Drawers
- Hi-Speed Calrod Surface Units
- Pushbutton Controls
- "No-Drip" Cooktop
- Two Appliance Outlets

ONLY
\$199⁹⁵*

COMPARE
AT \$259.95

*Distributor's Recommended Special Promotion Price.



OVEN DOOR LIFTS

Makes oven cleaning easy—no more bending or straining over a door. Door slips on easily and locks in place.

SEE YOUR NEAREST G-E DEALER

WALKER MARTIN, INC., DISTRIBUTORS

RALEIGH • GREENSBORO • CHARLOTTE • ASHEVILLE